

FIG. 1A

A

FIG. 1B

B

FIG. 2A

A



FIG. 2B

B



FIG. 2C

C



FIG. 3A

A



FIG. 3B

B

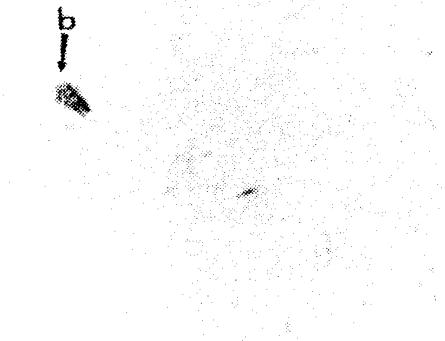


FIG. 3C

C



FIG. 4A

A



FIG. 4B

B



FIG. 4C

C



FIG. 5A

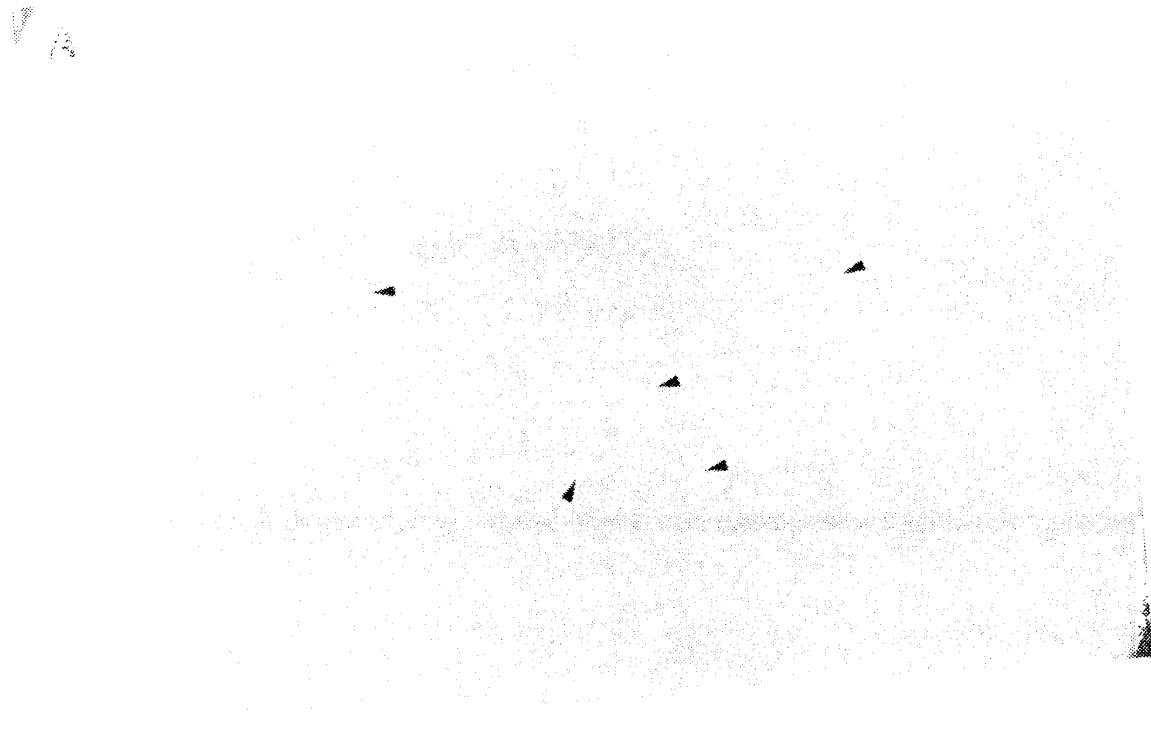


FIG. 5B

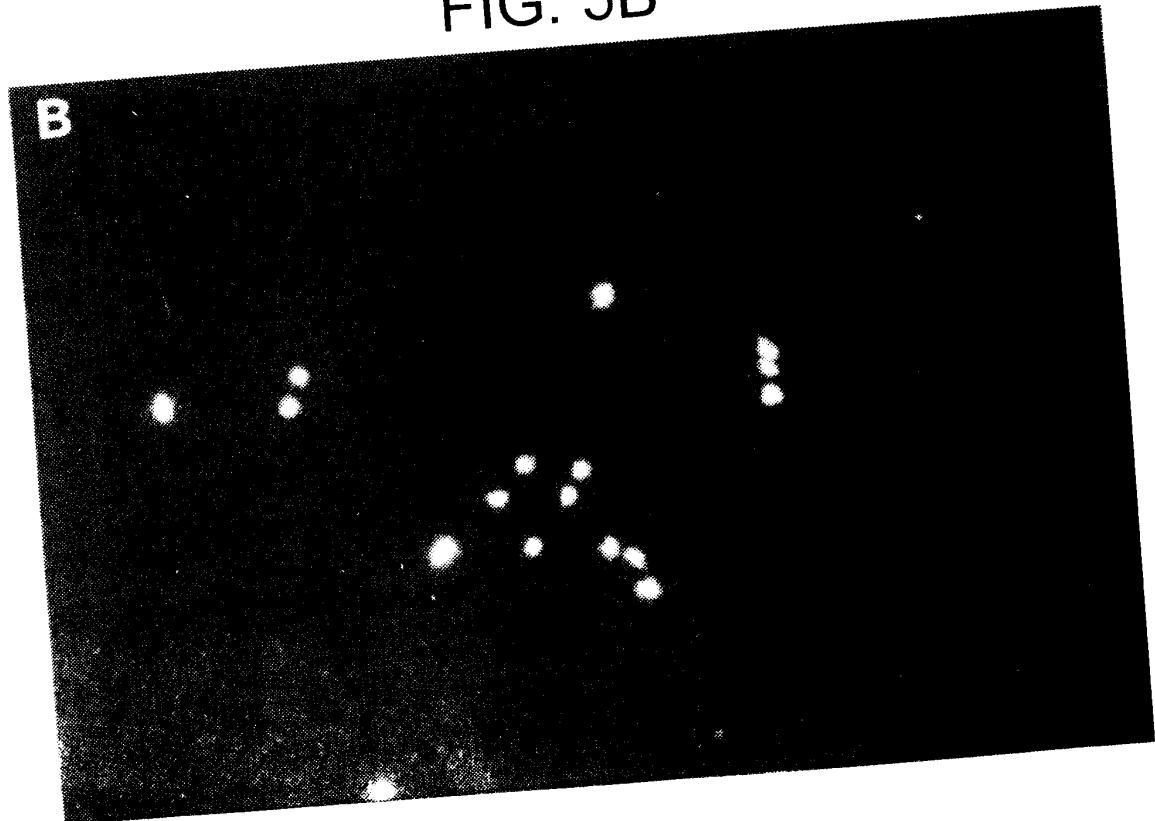


FIG. 6A

A

FIG. 6B

B

FIG. 7A

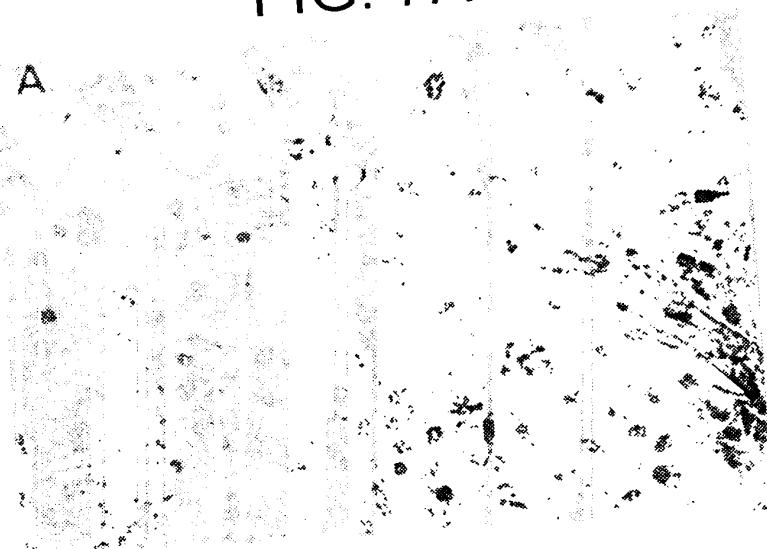


FIG. 7B

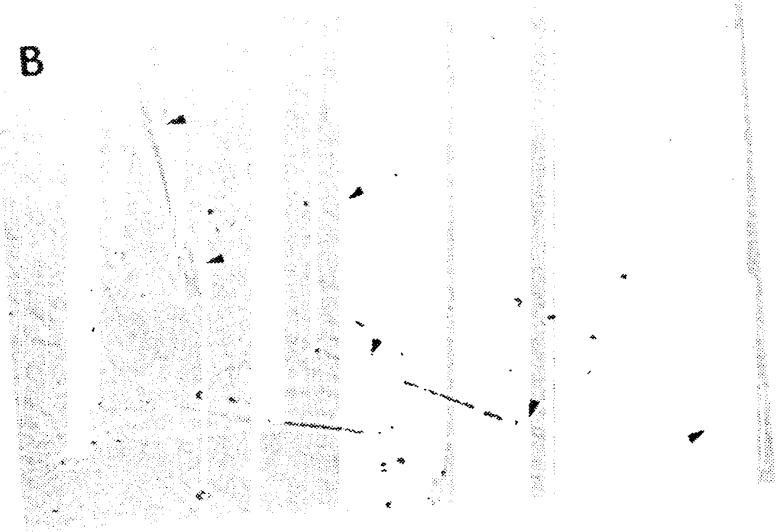


FIG. 7C



FIG. 8A

A

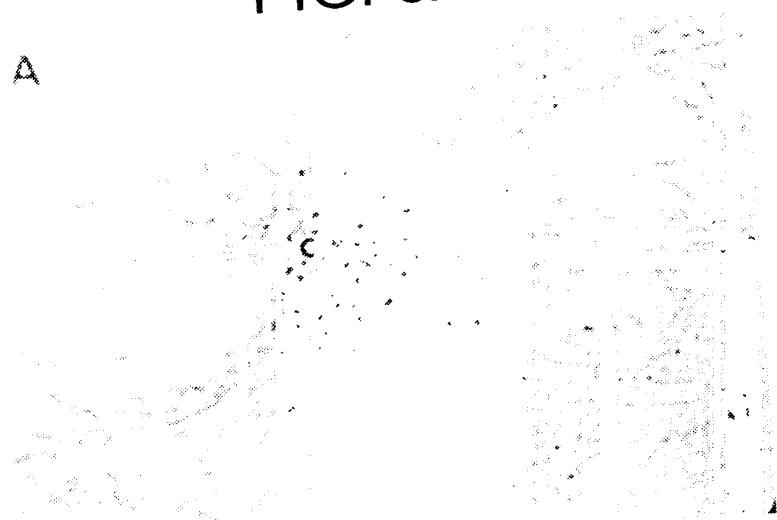


FIG. 8B

B

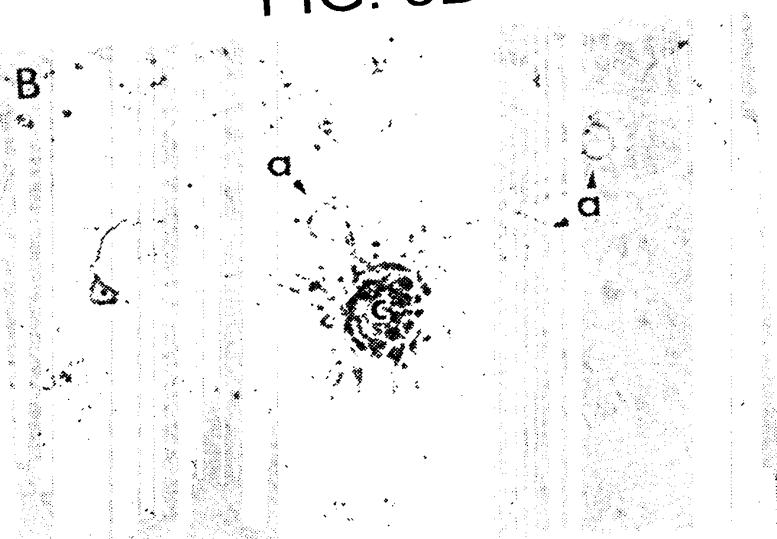


FIG. 8C

C

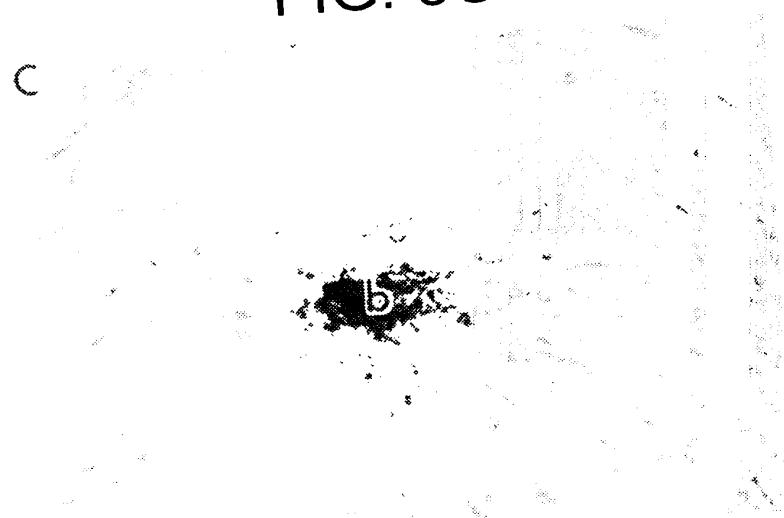


FIG. 9A

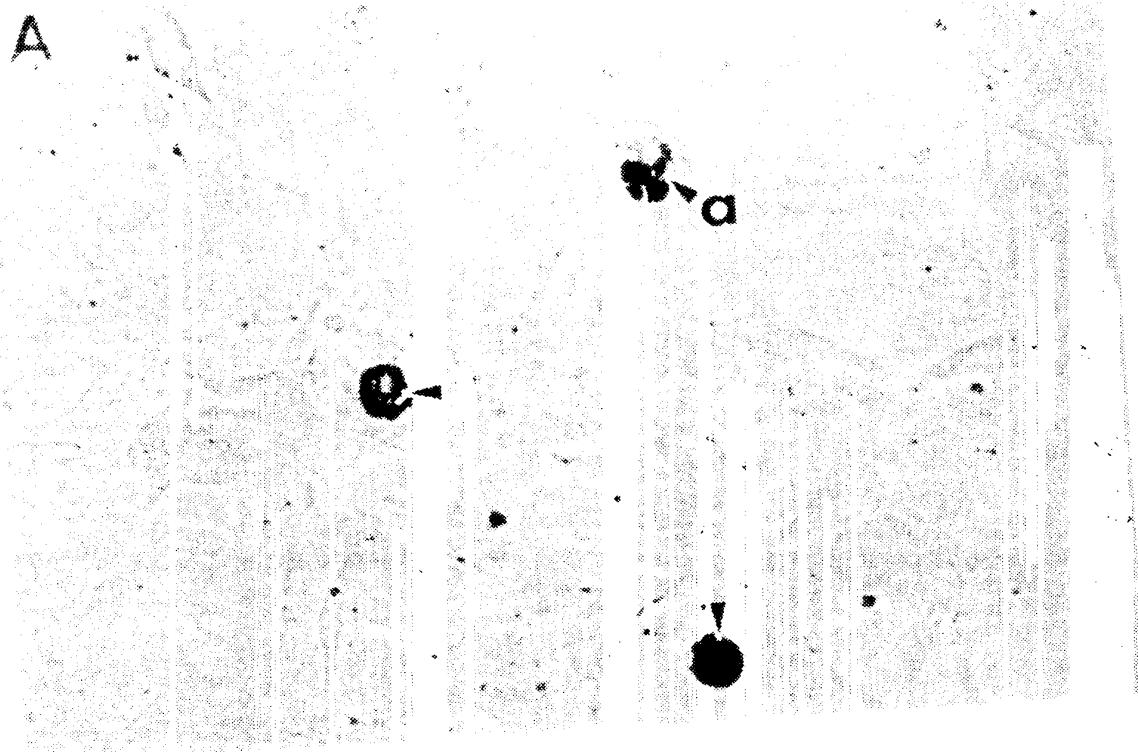


FIG. 9B



FIG. 10A

A

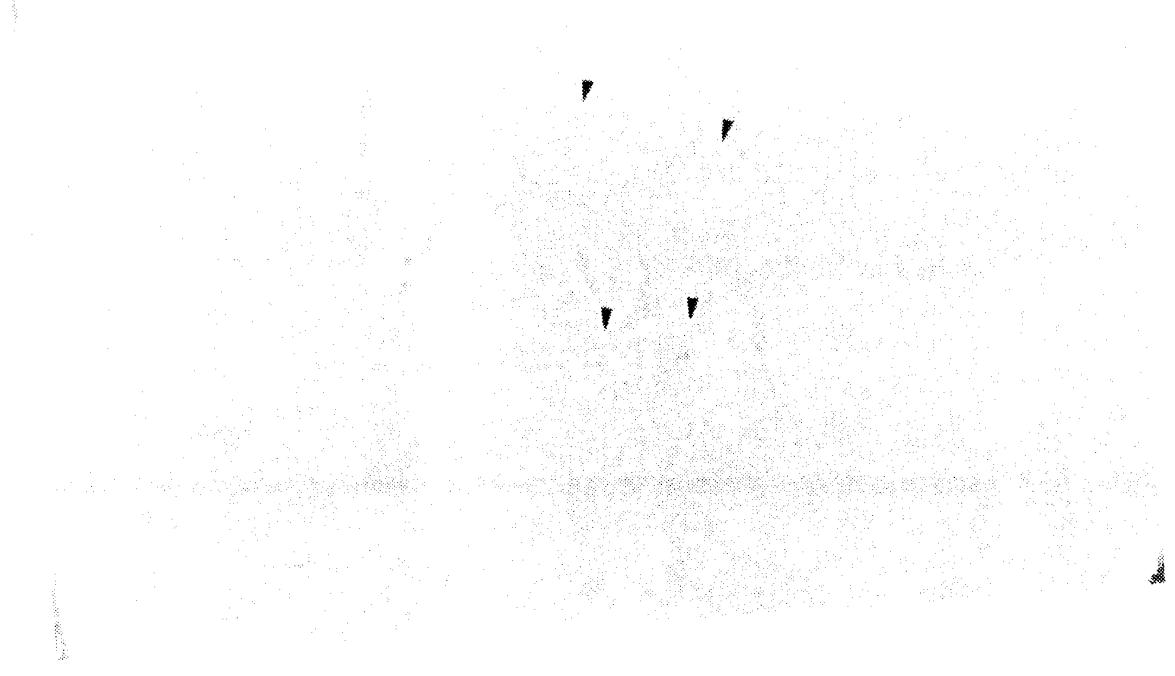


FIG. 10B

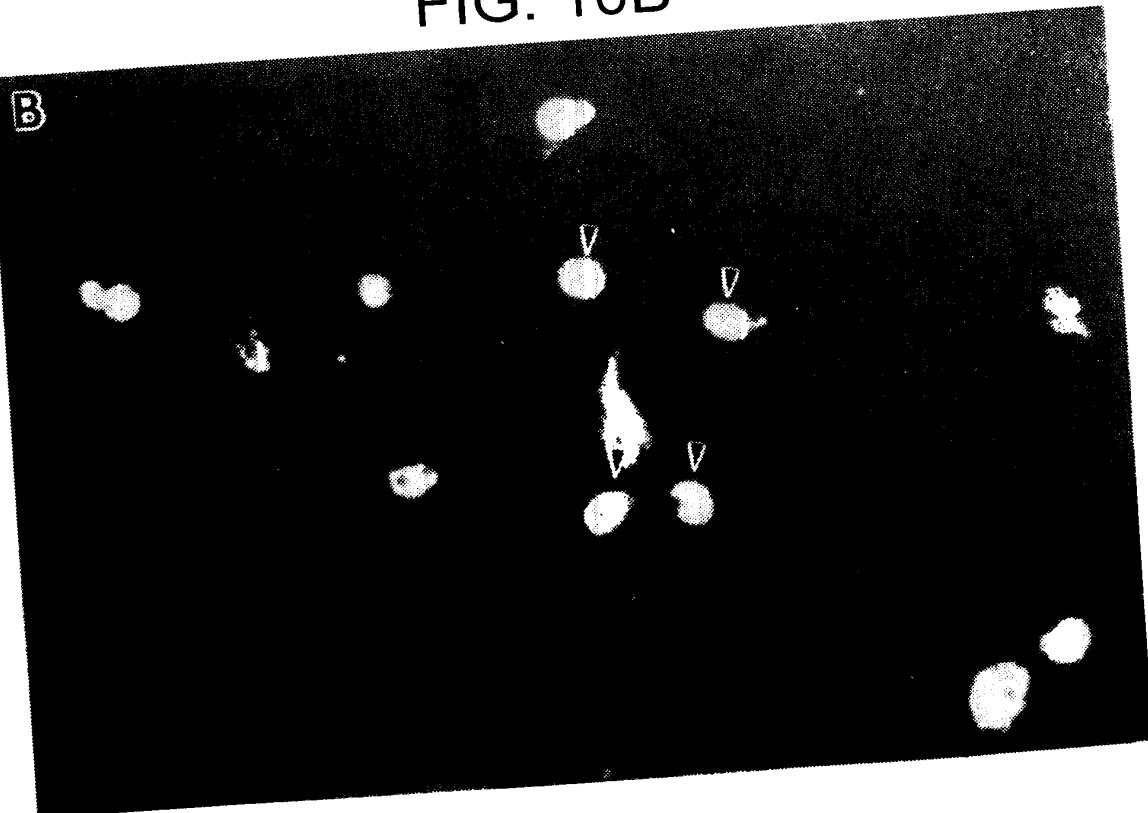


FIG. 11A

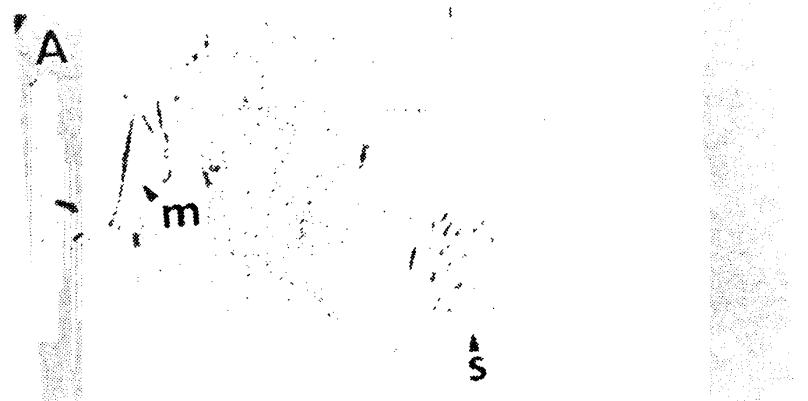


FIG. 11B



FIG. 11C



FIG. 12A

A



FIG. 12B

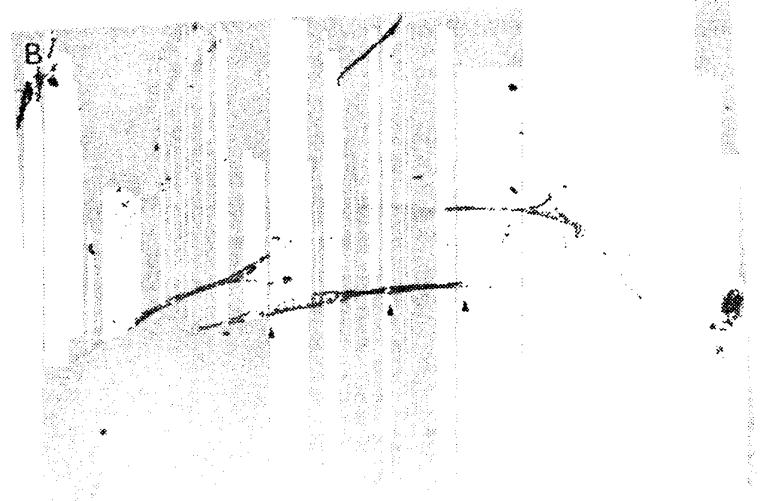


FIG. 12C

C

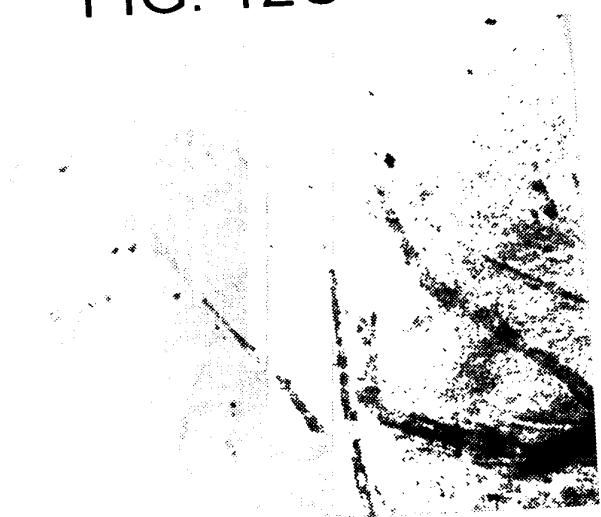


FIG. 13A

A

FIG. 13C

C

b

FIG. 13B

B

FIG. 13D

D



FIG. 14A



FIG. 14B



FIG. 14C

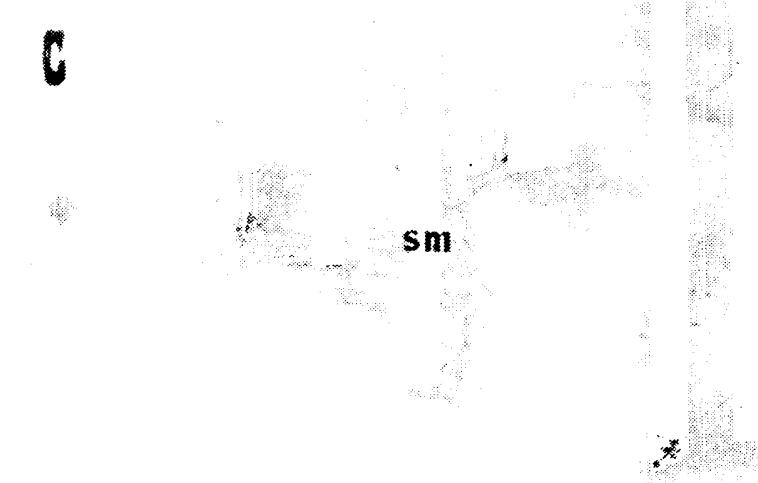


FIG. 15A

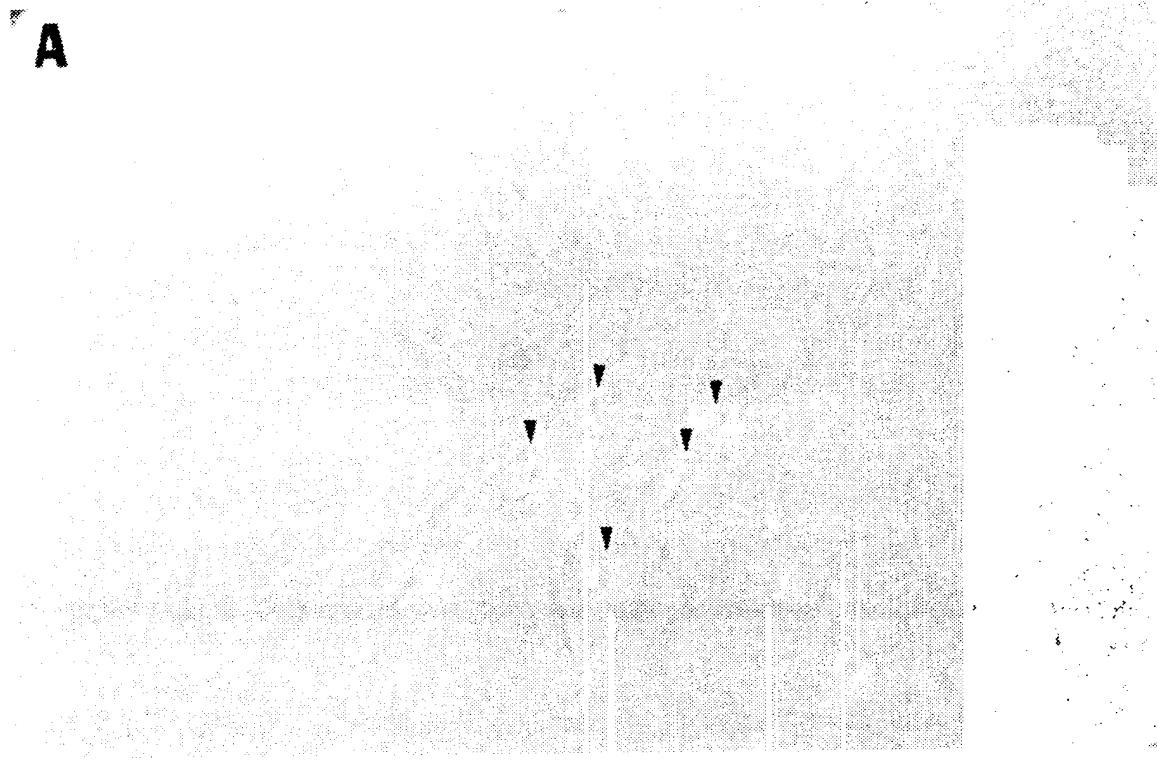


FIG. 15B

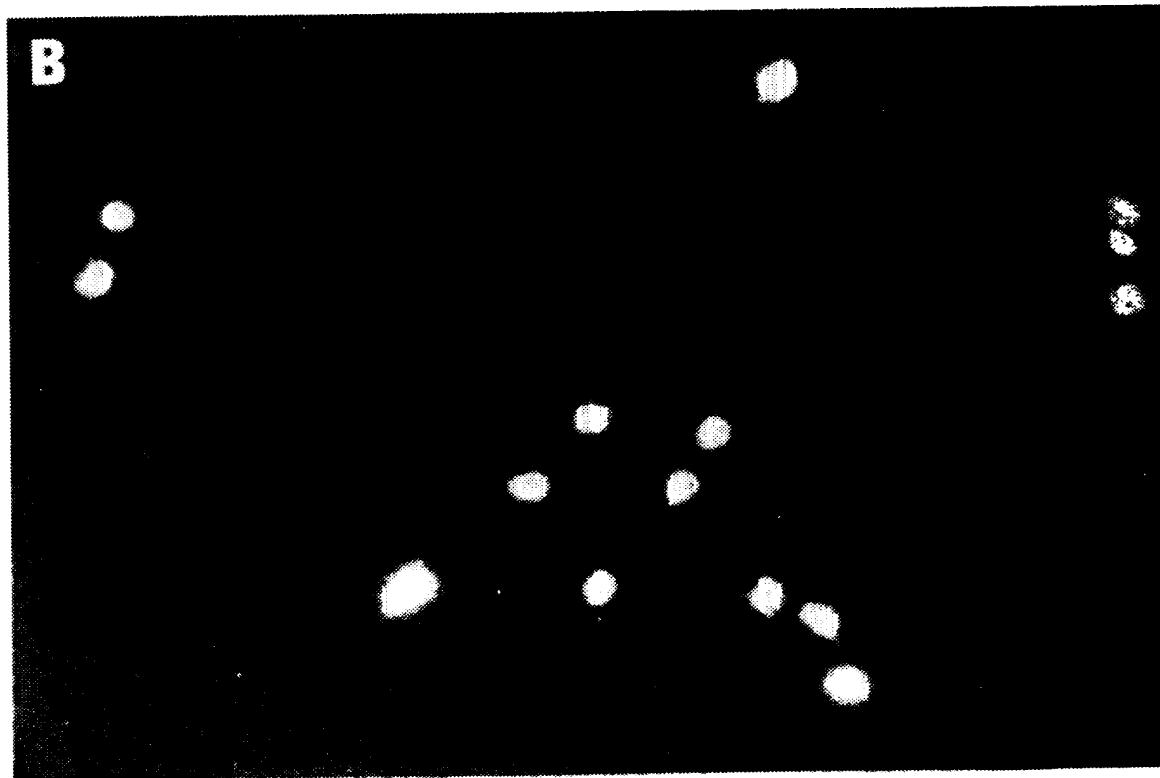


FIG. 16A

A



FIG. 16B



FIG. 17A

A



FIG. 17B

B

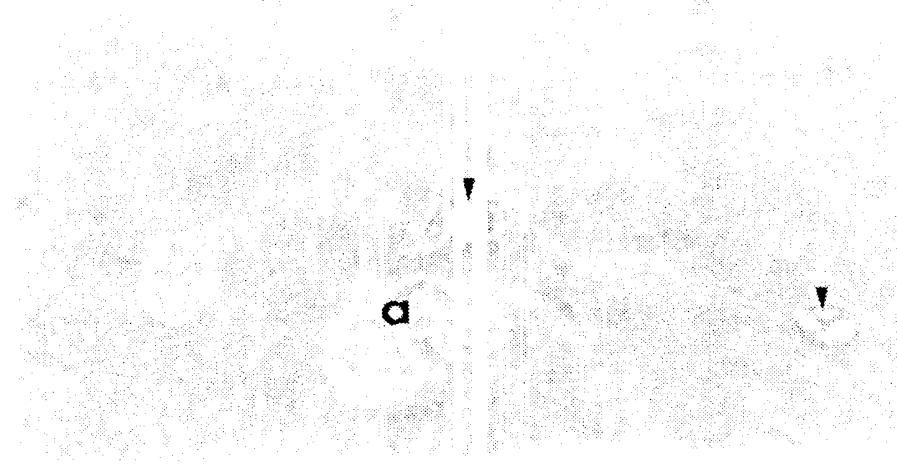


FIG. 17C

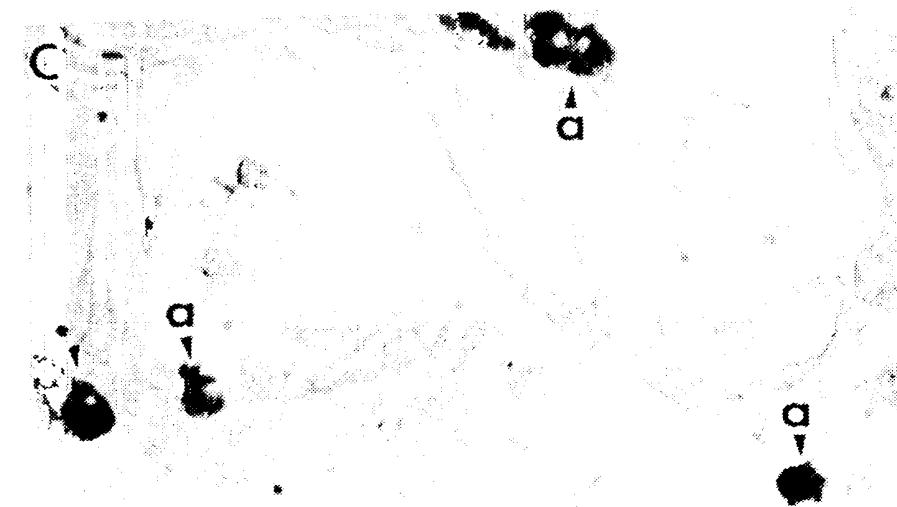


FIG. 18A

A



FIG. 18B

B



FIG. 18C

C

-cm

FIG. 19A

A

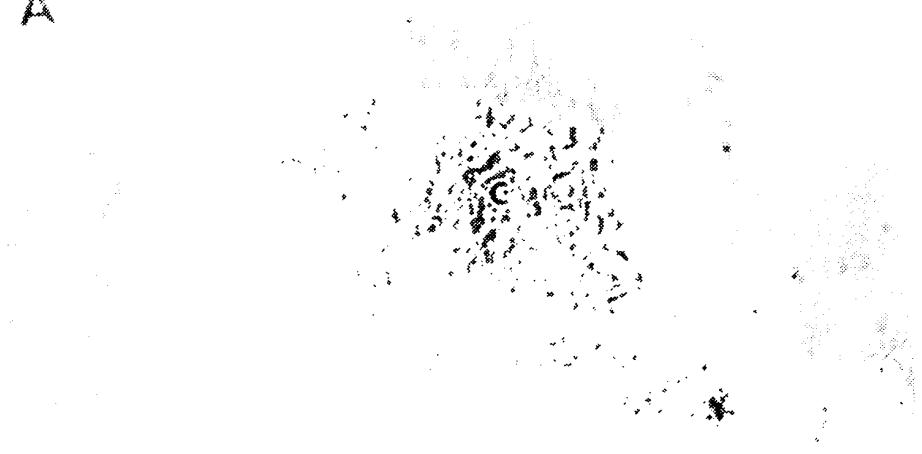


FIG. 19B

B

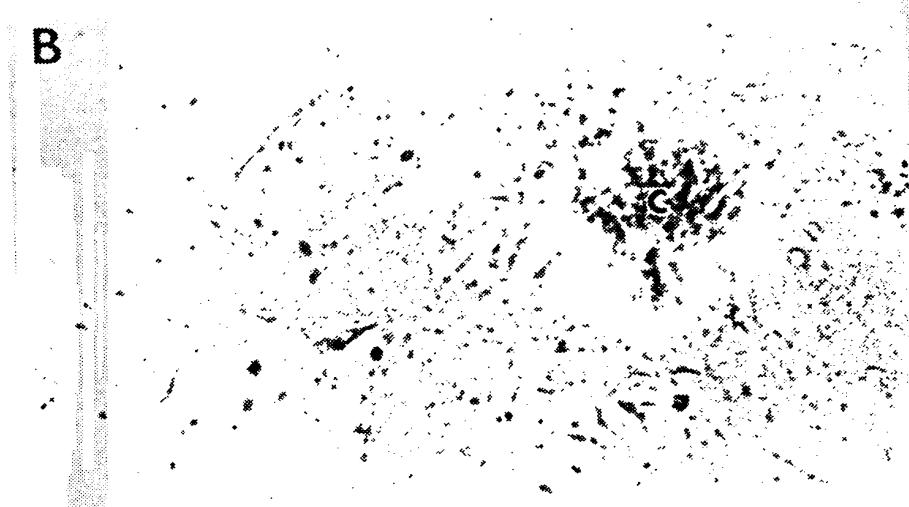


FIG. 19C

C

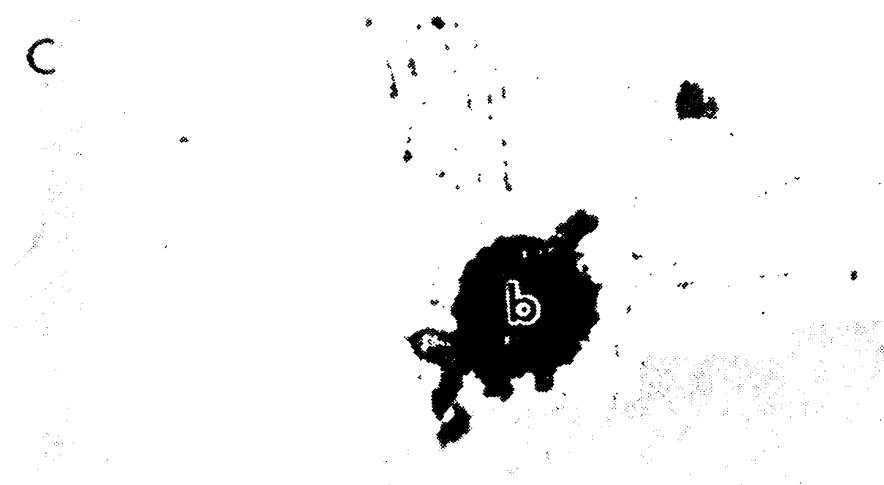


FIG. 20A

A



Control

FIG. 20B

B

• sm

$10^{-6} M$

FIG. 21A

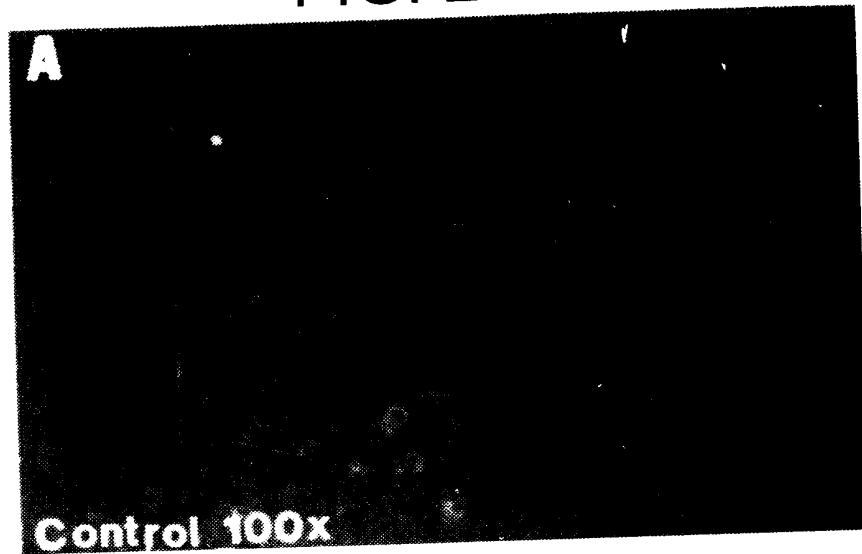


FIG. 21B

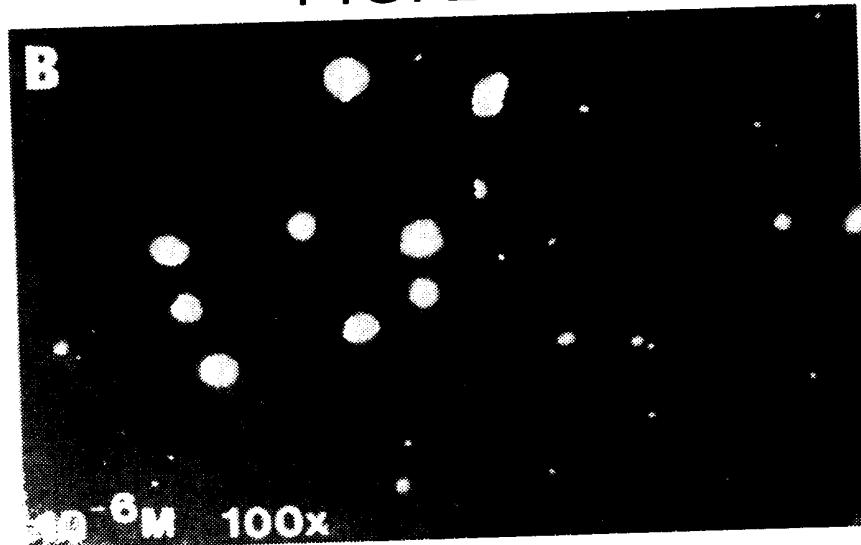


FIG. 21C



FIG. 22A

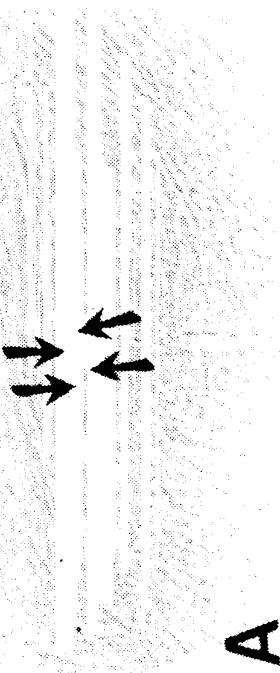


FIG. 22B

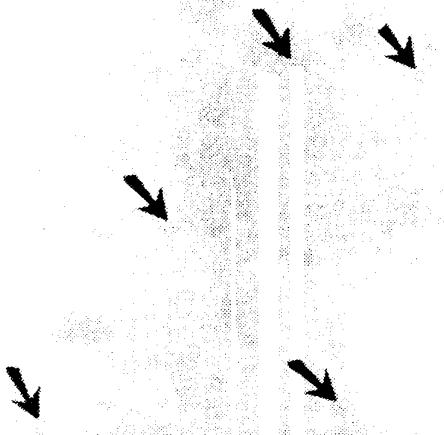
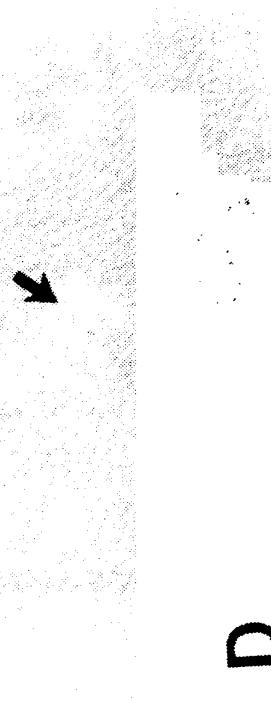


FIG. 22C



FIG. 22D



D

MT
C

FIG.23A

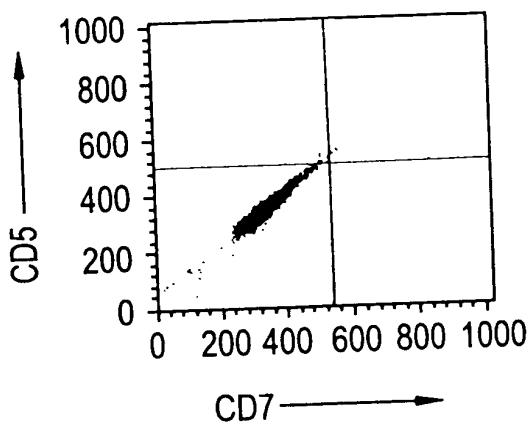


FIG.23B

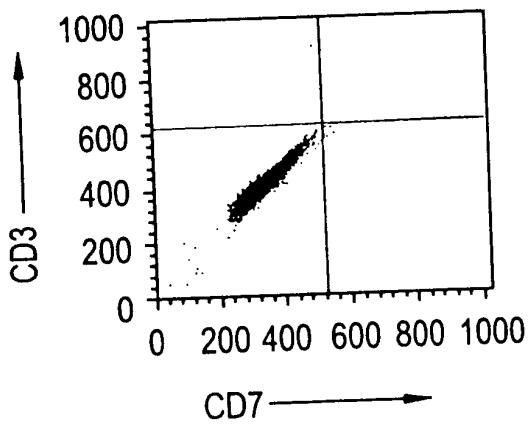


FIG.23C

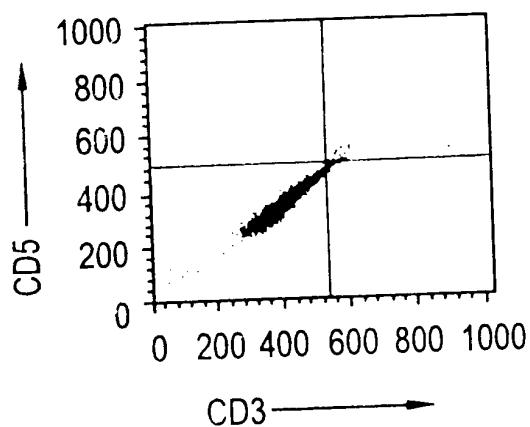


FIG.23D

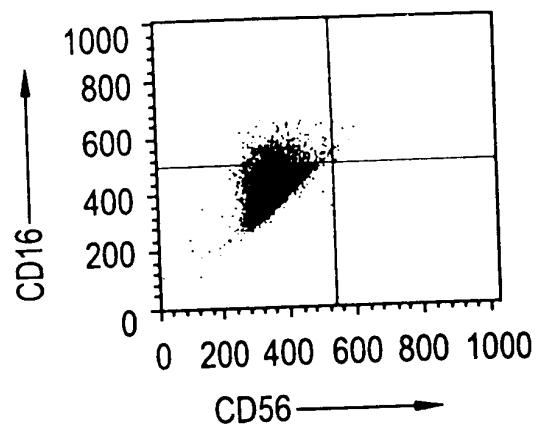


FIG.23E

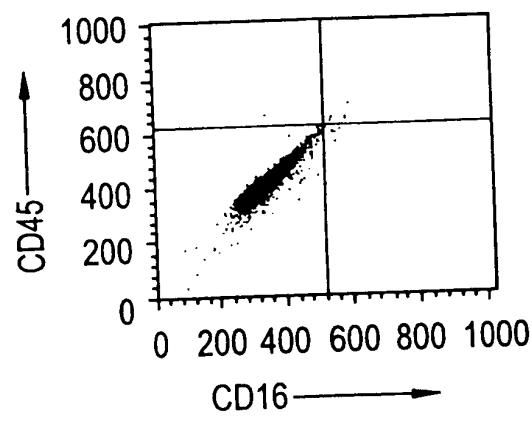


FIG.23F

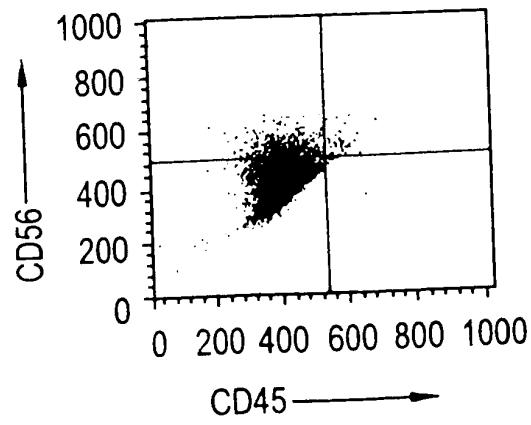


FIG.23G

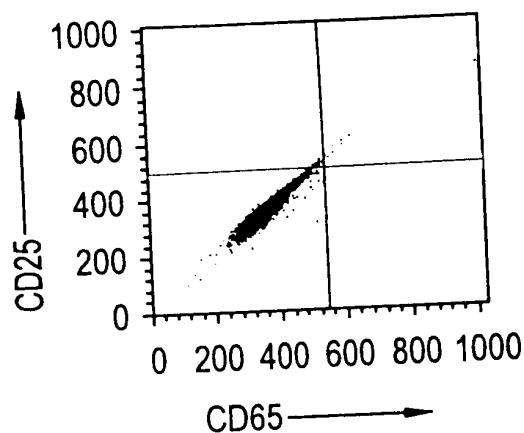


FIG.23H

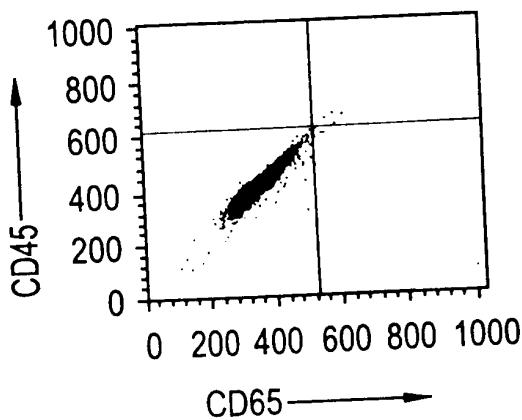


FIG.23I

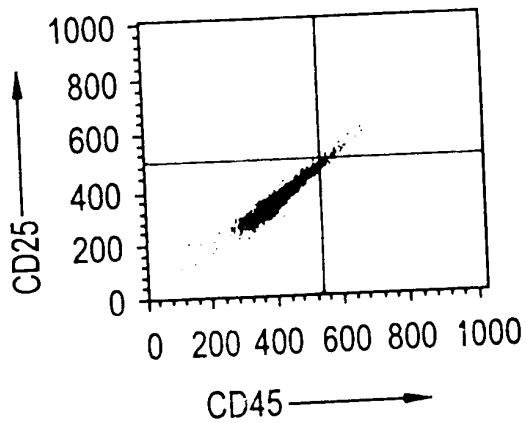


FIG.24A

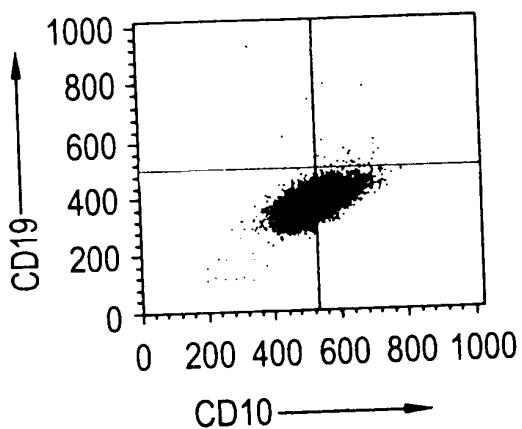


FIG.24C

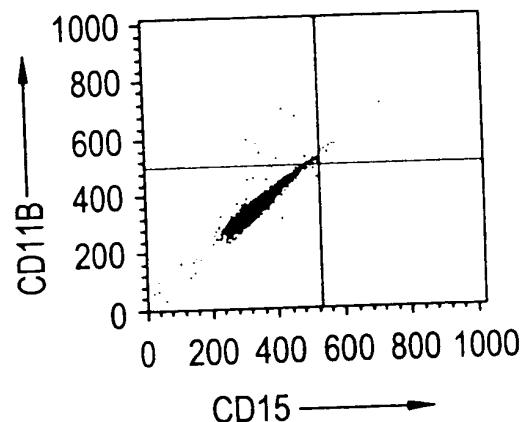


FIG.24B

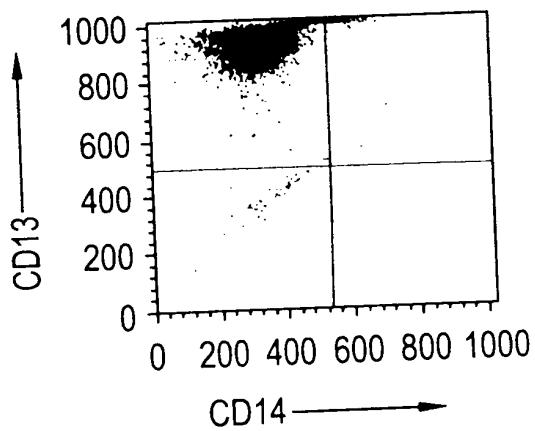


FIG.24D

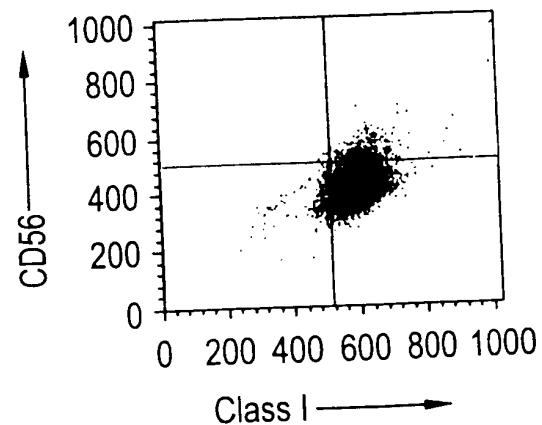


FIG. 25



FIG. 26A

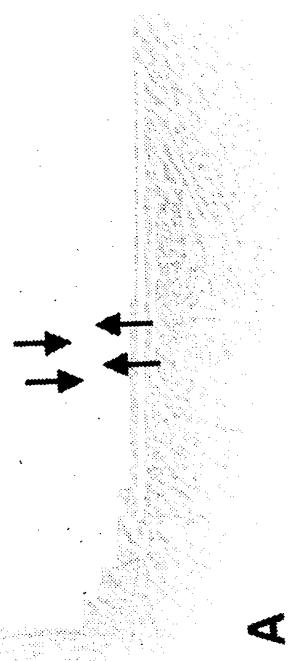


FIG. 26B

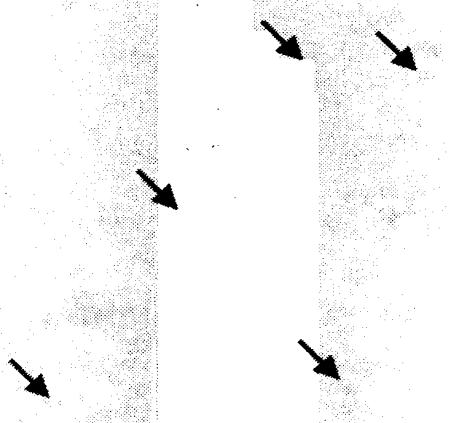


FIG. 26C

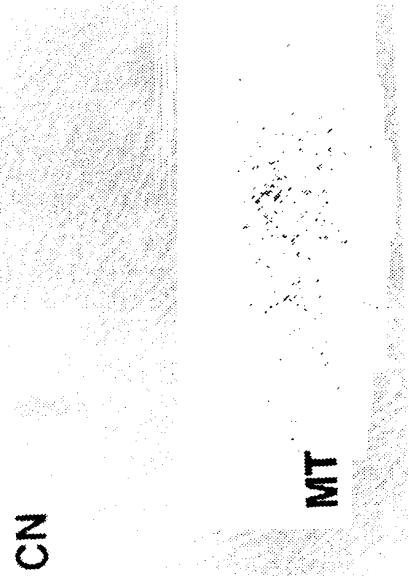
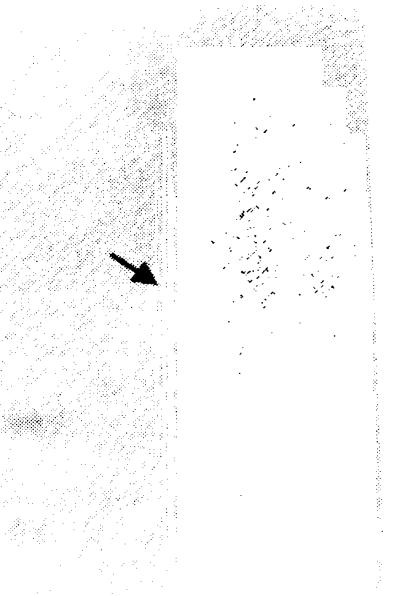


FIG. 26D



D

B

CN

MT

C

A

FIG. 27

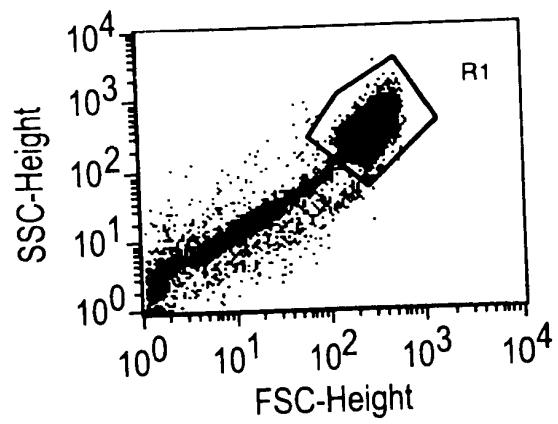


FIG.28A

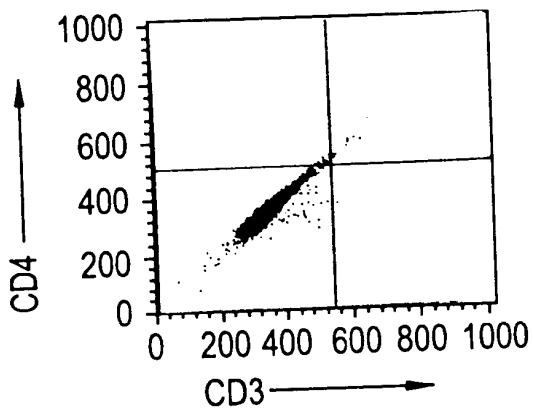


FIG.28D

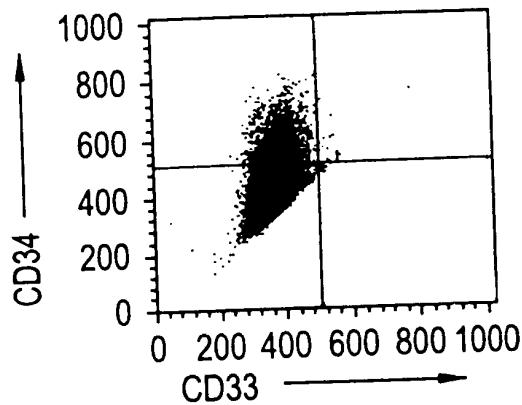


FIG.28B

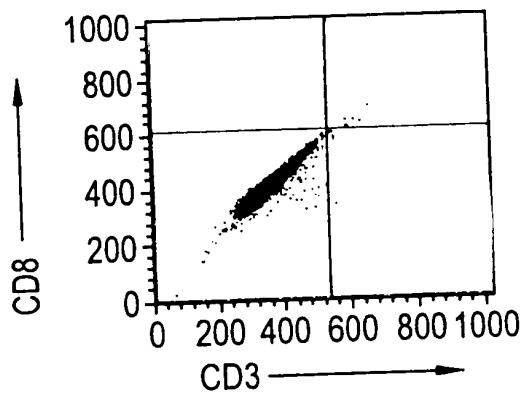


FIG.28E

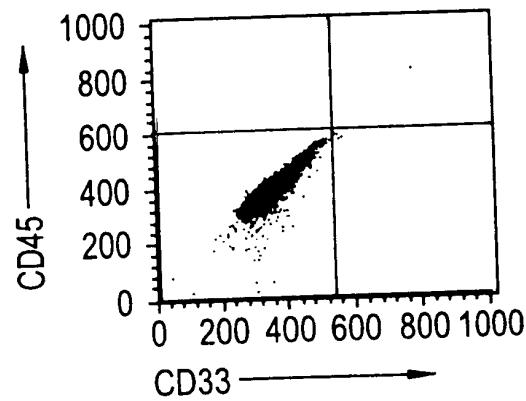


FIG.28C

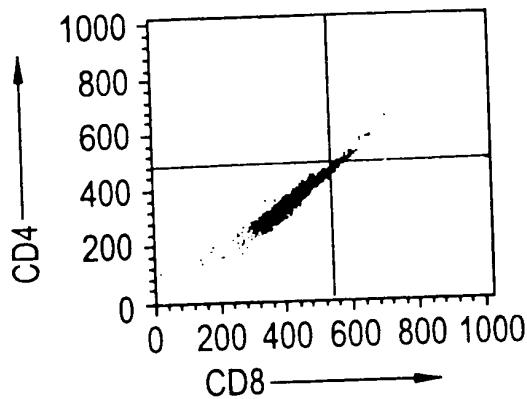


FIG.28F

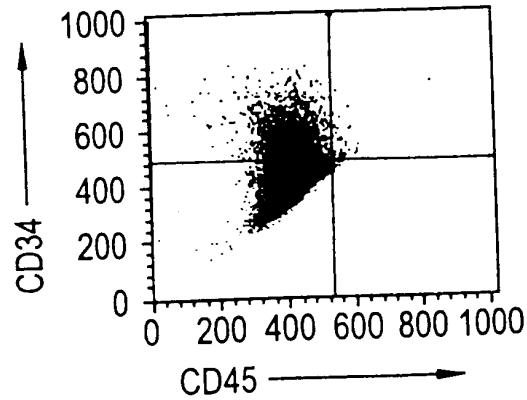


FIG.28G

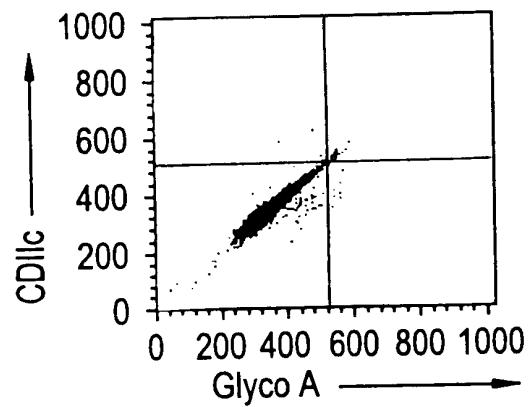


FIG.28H

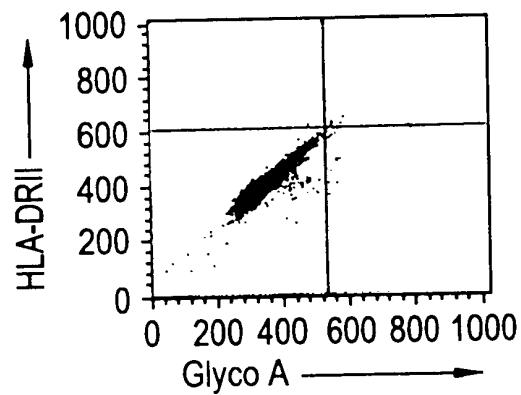


FIG.28I

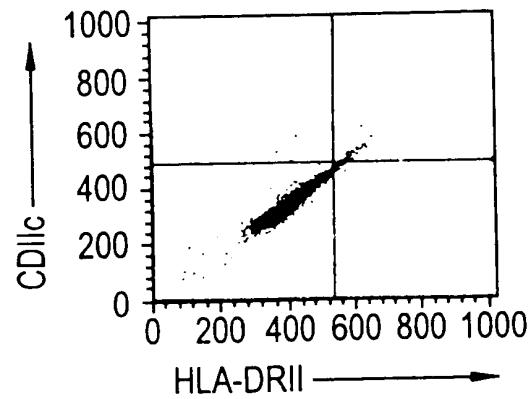


FIG.29A

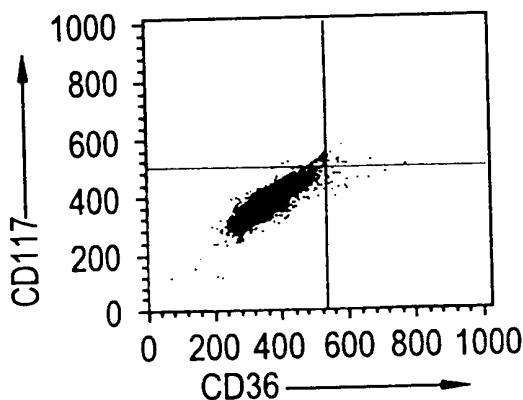


FIG.29D

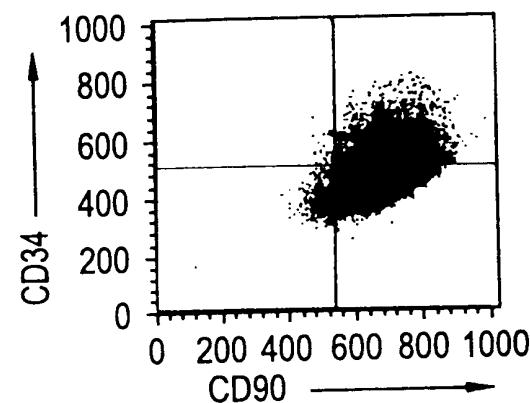


FIG.29B

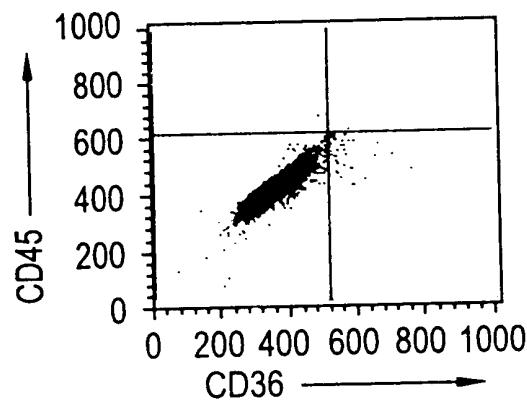


FIG.29E

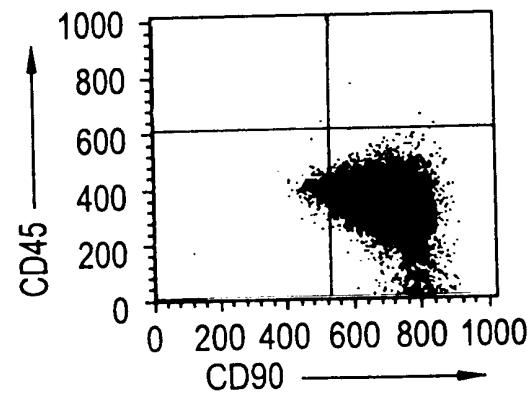


FIG.29C

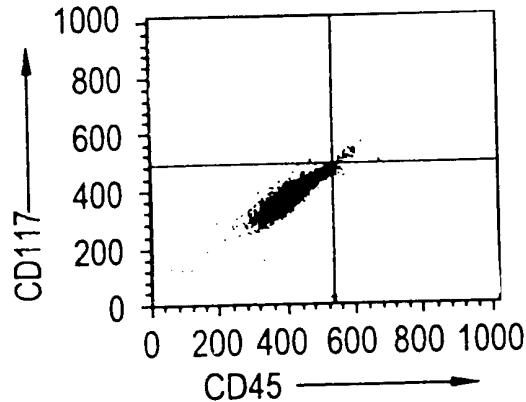


FIG.29F

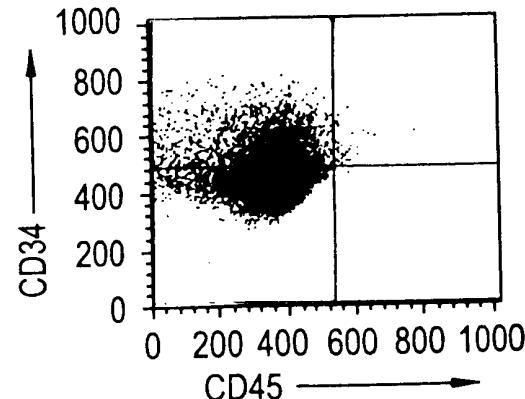


FIG.29G

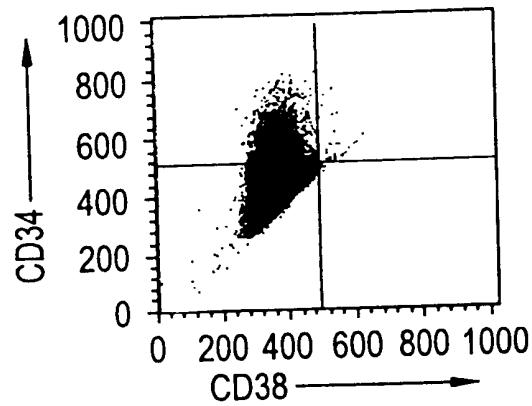


FIG.29H

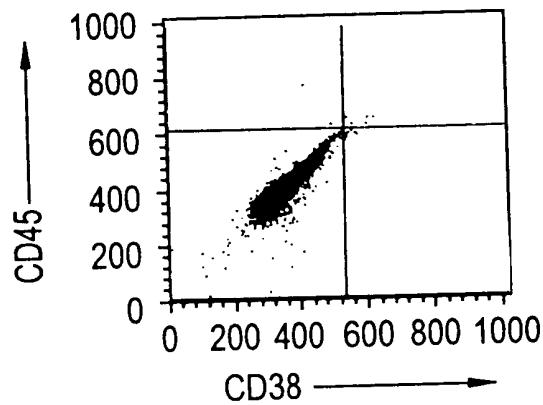


FIG.29I

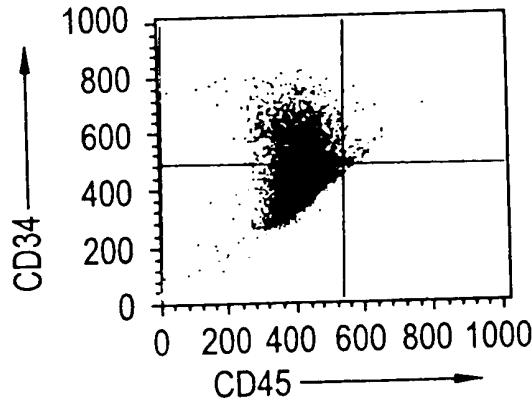


FIG. 30

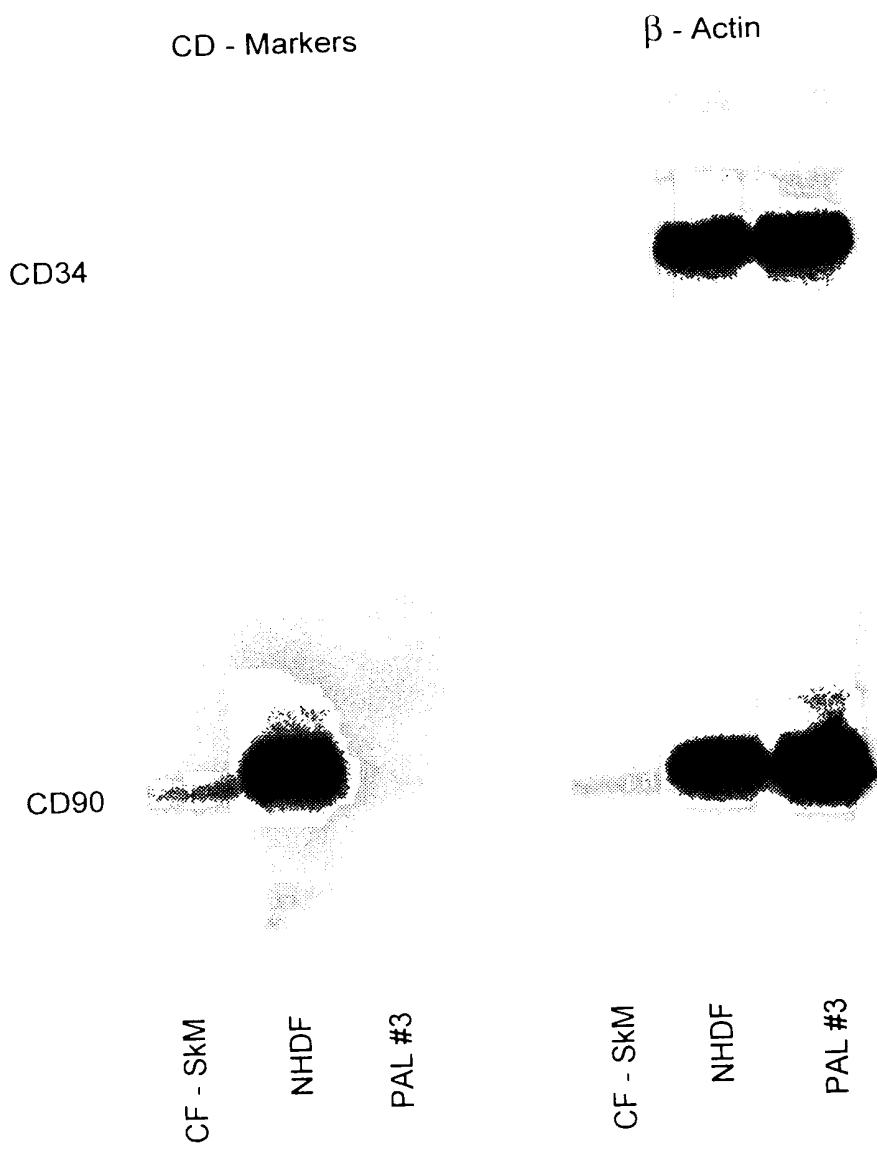


FIG. 31A

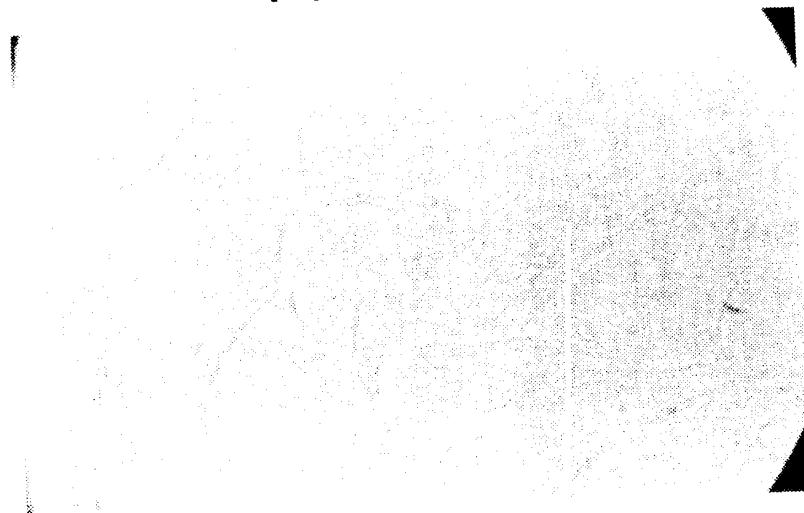


FIG. 31B

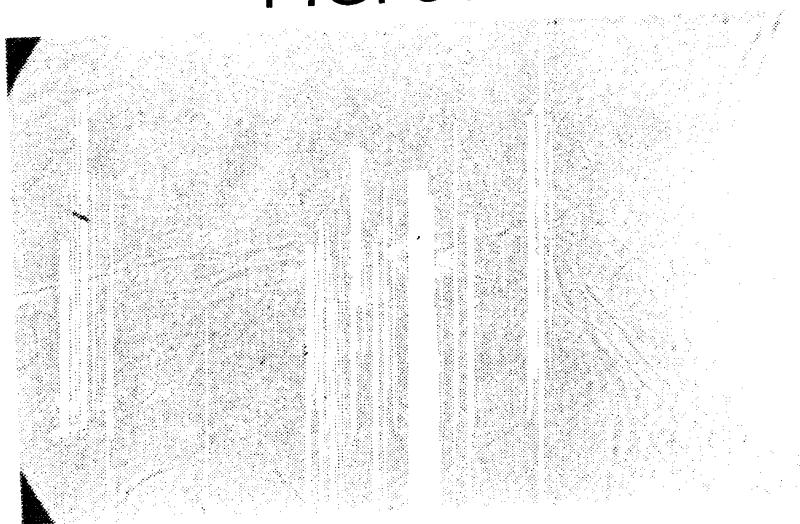


FIG. 31C

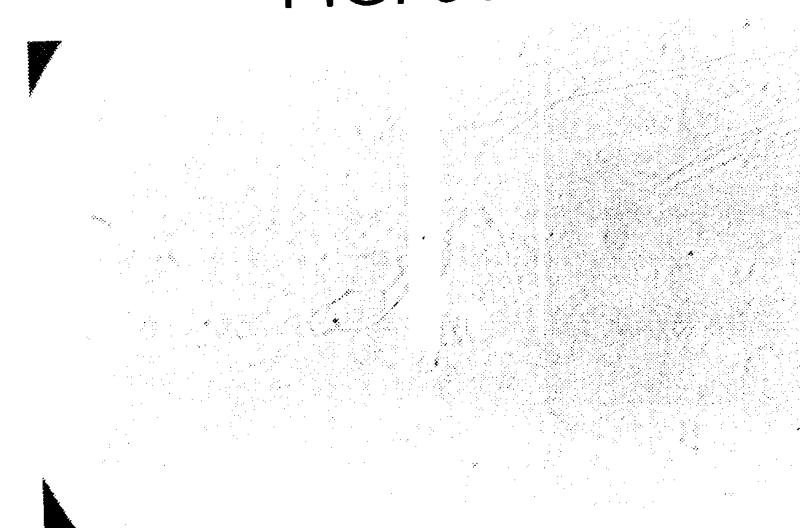


FIG. 32A FIG. 32B FIG. 32C

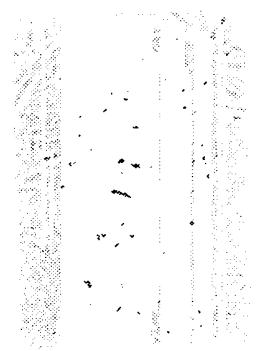


FIG. 32D FIG. 32E FIG. 32F



FIG. 32G FIG. 32H FIG. 32I

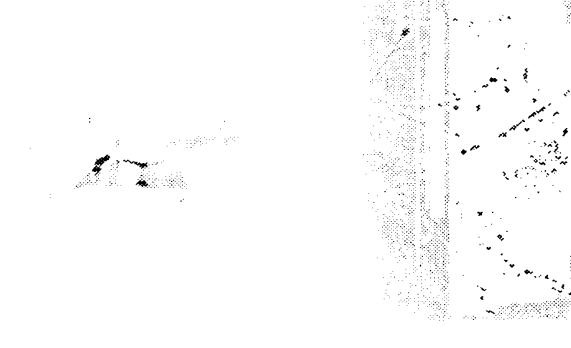
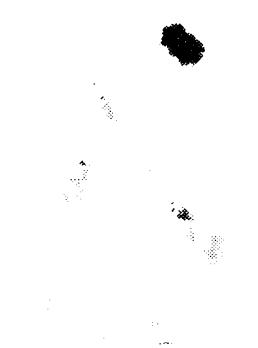


FIG. 32J FIG. 32K FIG. 32L



FIG. 32K



FIG. 32L

FIG. 32M FIG. 32N FIG. 32O



FIG. 32P FIG. 32Q FIG. 32R

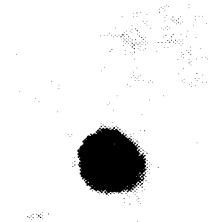
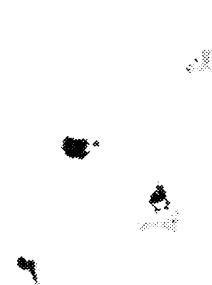


FIG. 32S FIG. 32T FIG. 32U

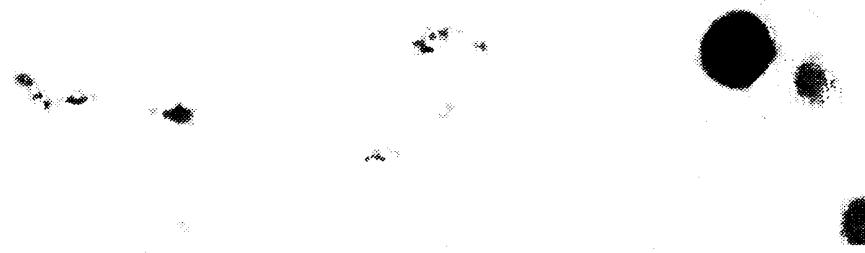


FIG. 32V FIG. 32W FIG. 32X



FIG. 32Y

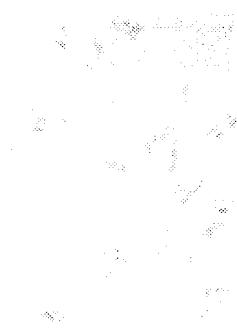


FIG. 33A



FIG. 33B

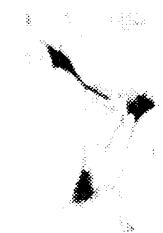


FIG. 33C

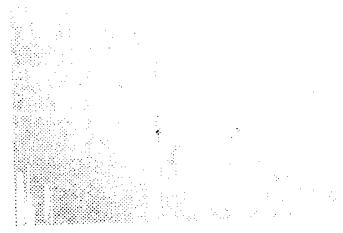


FIG. 33D



FIG. 33E

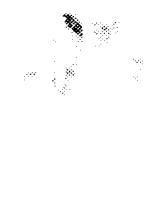


FIG. 33F

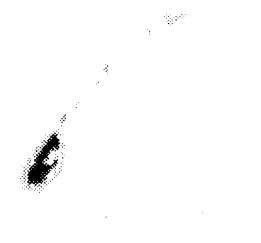


FIG. 33G



FIG. 33H

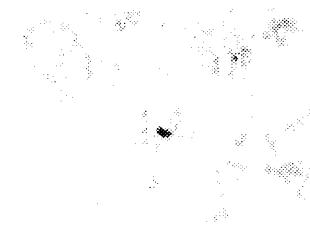


FIG. 33I

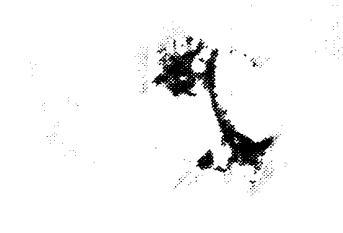


FIG. 33J

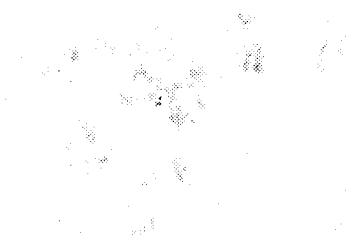


FIG. 33K

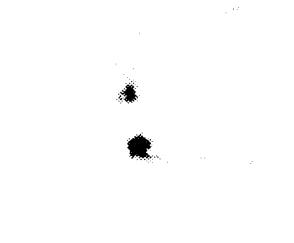


FIG. 33L

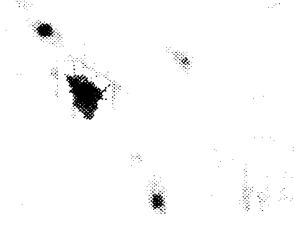


FIG. 33M



FIG. 33N

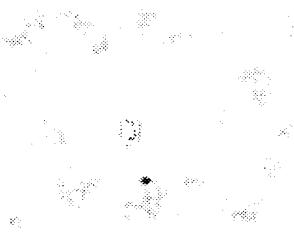


FIG. 33O

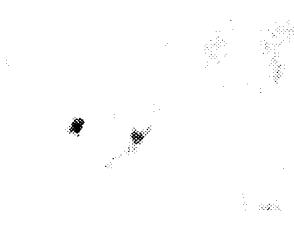


FIG. 33P

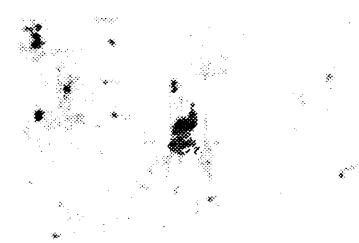


FIG. 33Q

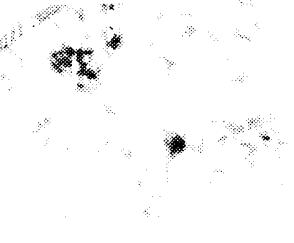


FIG. 33R

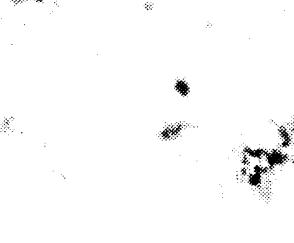


FIG. 34A



FIG. 34B

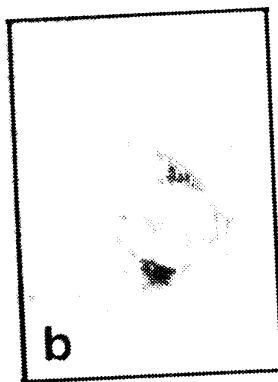


FIG. 34C

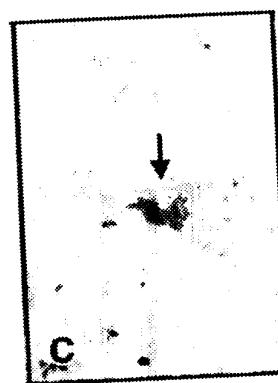


FIG. 34D

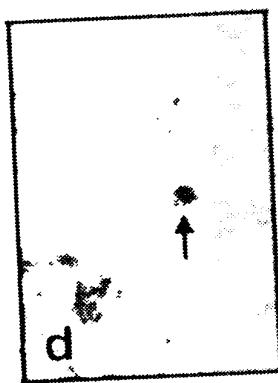


FIG. 34E

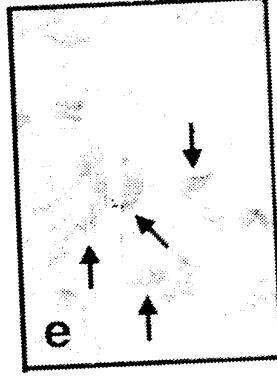


FIG. 34F

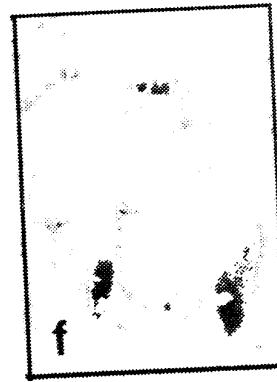


FIG. 34G

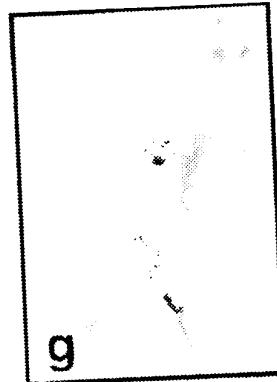


FIG. 34H

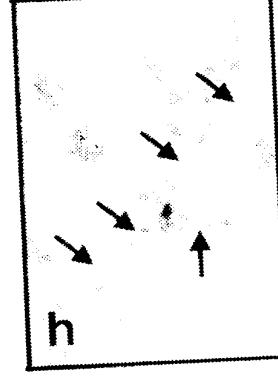


FIG. 34I

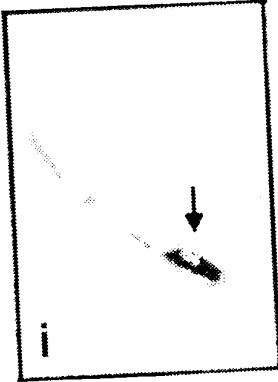


FIG. 34J

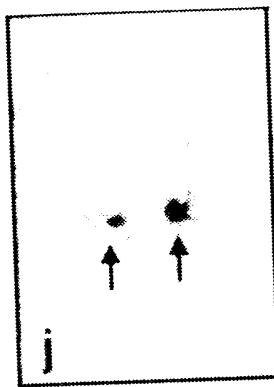


FIG. 34K

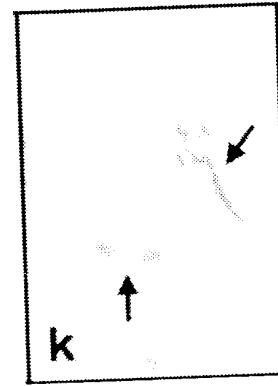


FIG. 34L



FIG. 34M

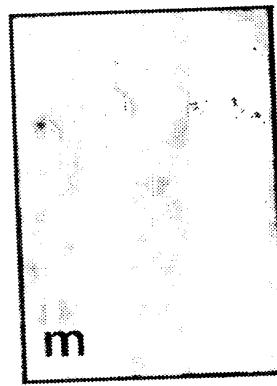


FIG. 34N

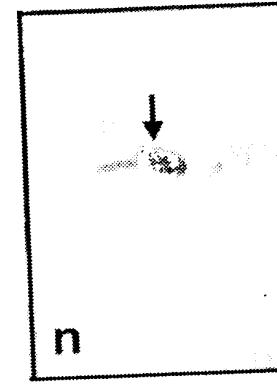


FIG. 34O

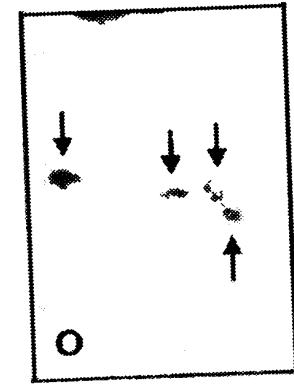


FIG. 34P

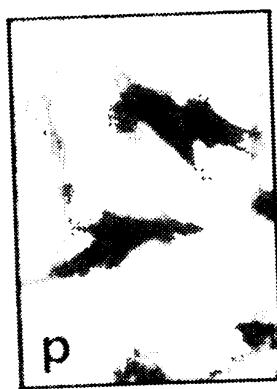


FIG. 34Q

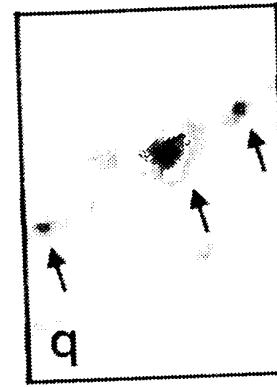


FIG. 34R

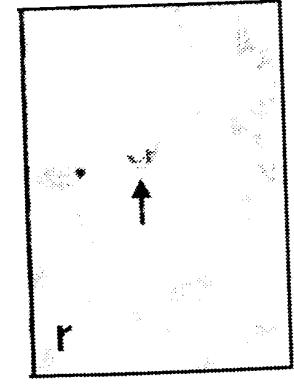


FIG. 35

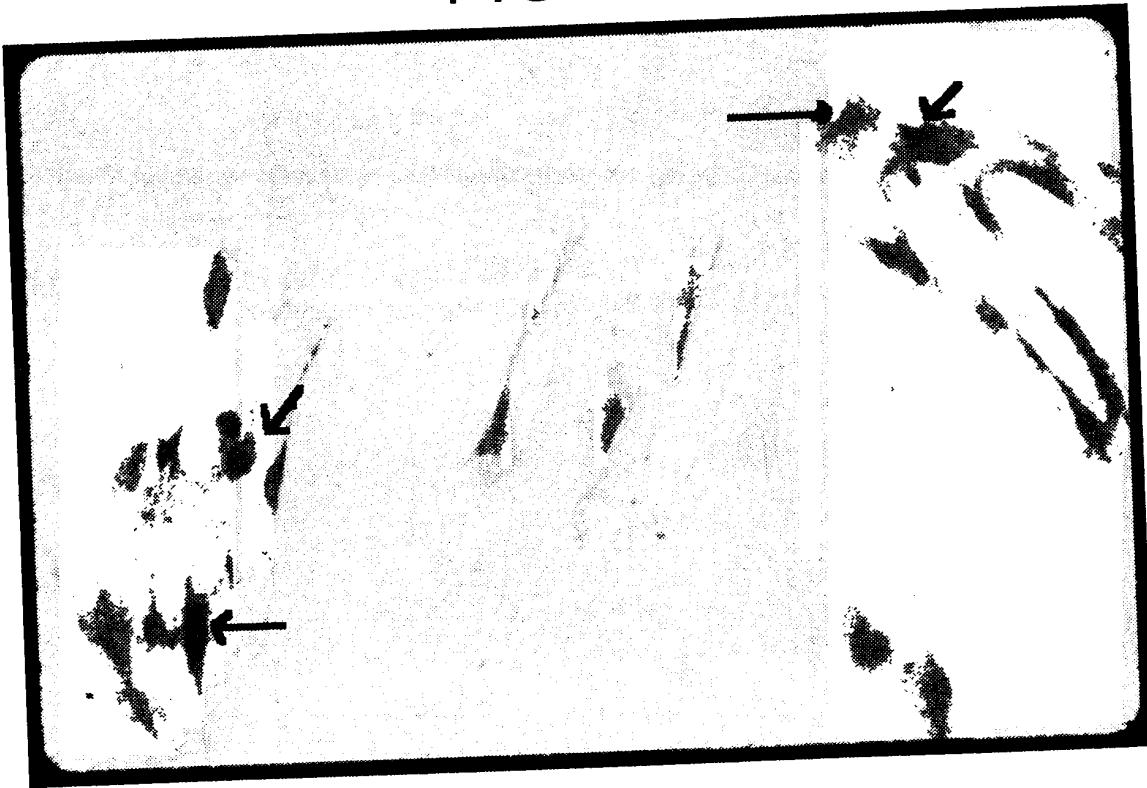


FIG. 36



FIG. 37



FIG. 38

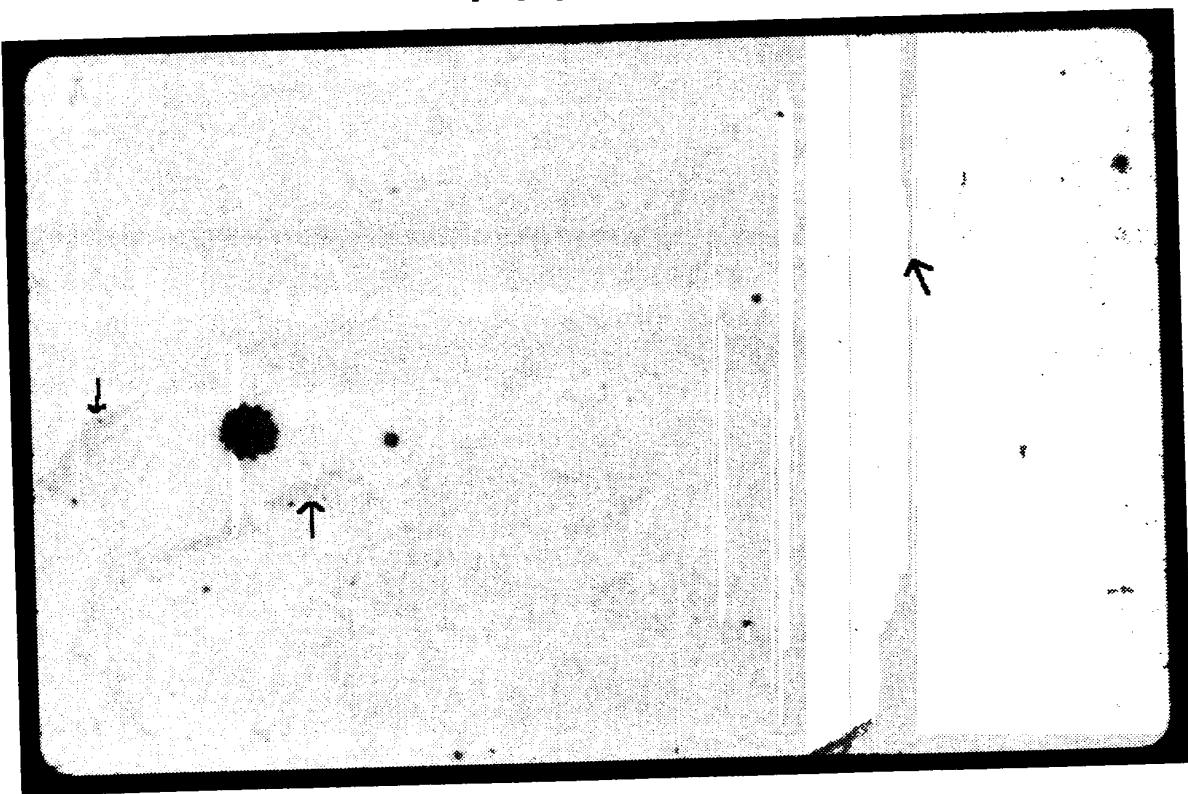


FIG. 39

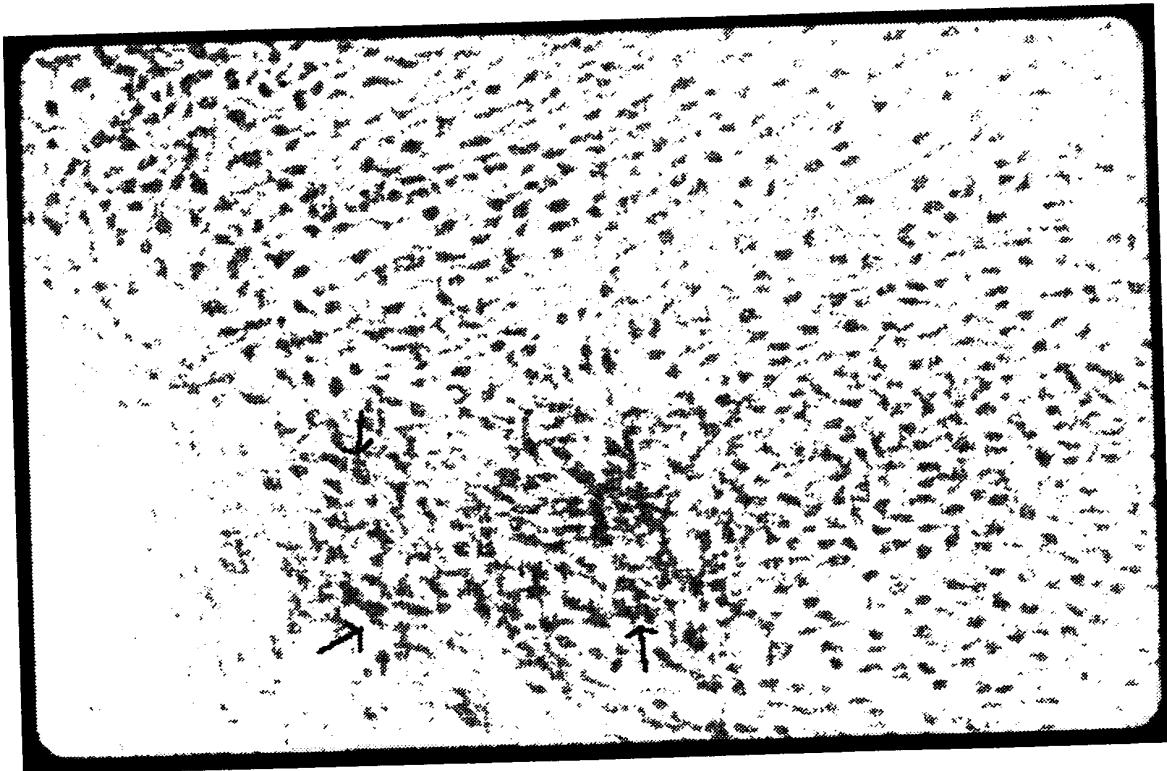


FIG. 40

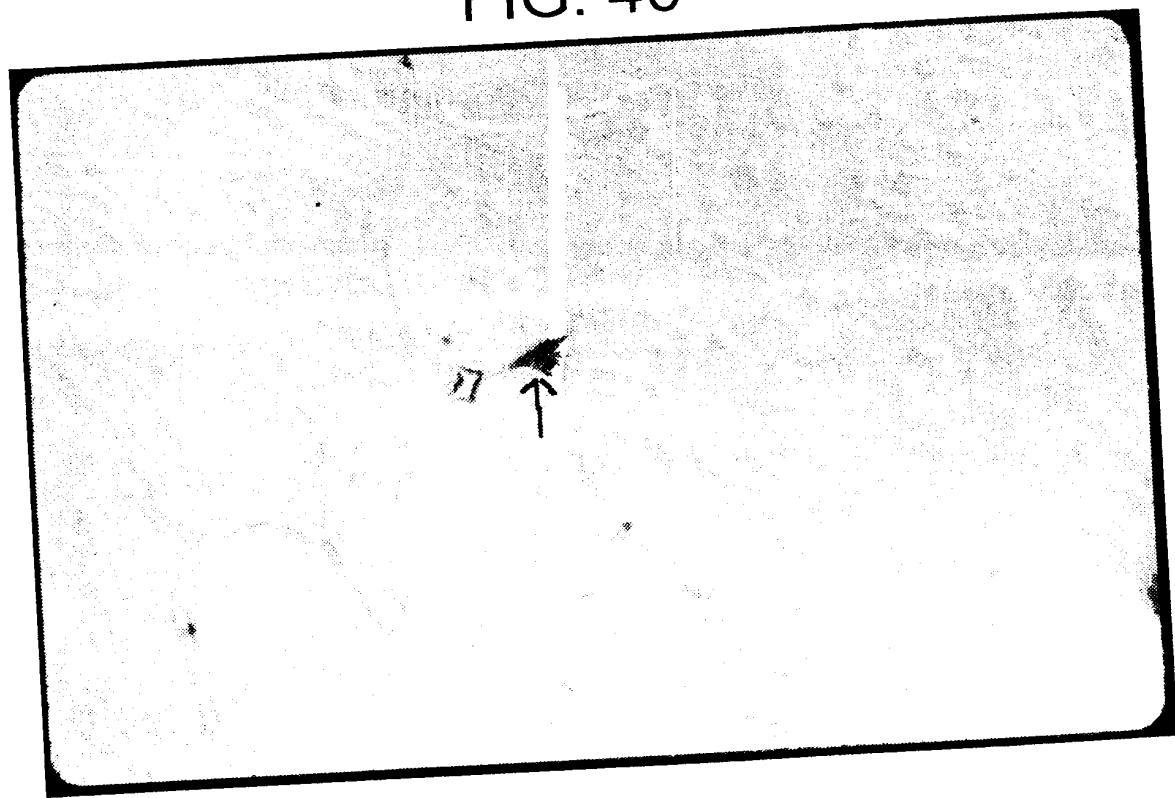


FIG. 41

CT3F 46, XX
(17 year-old female dermal biopsy specimen)

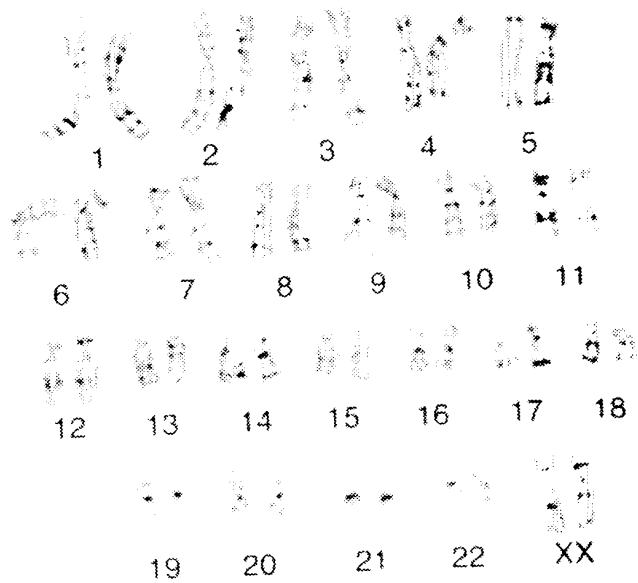


FIG. 42A

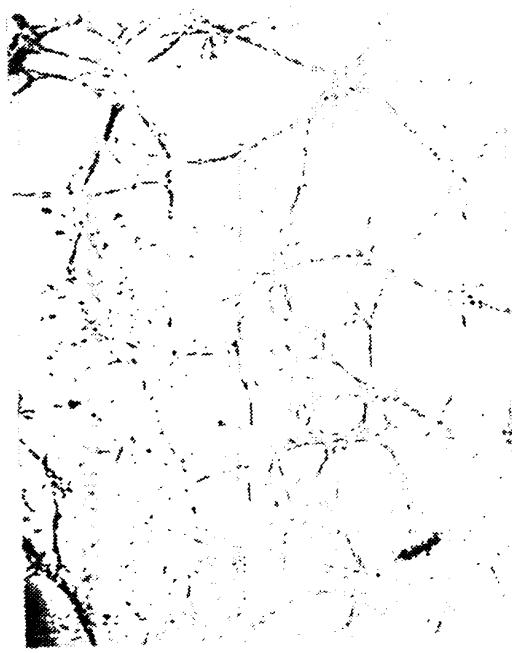


FIG. 42B

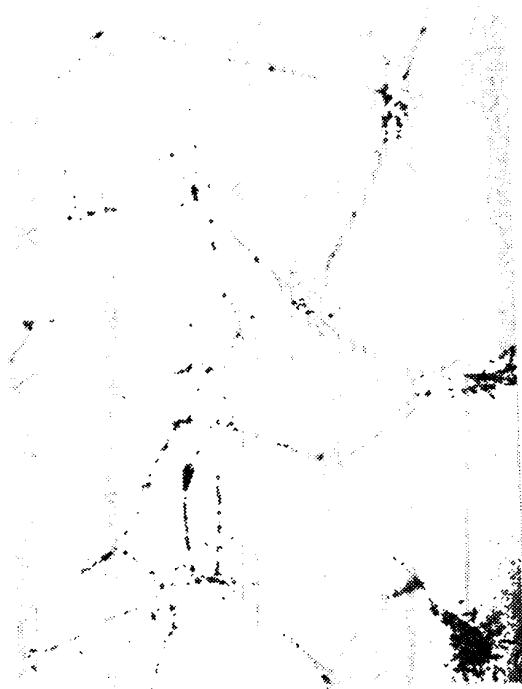


FIG. 42C



FIG. 42D



FIG. 42E



FIG. 43A

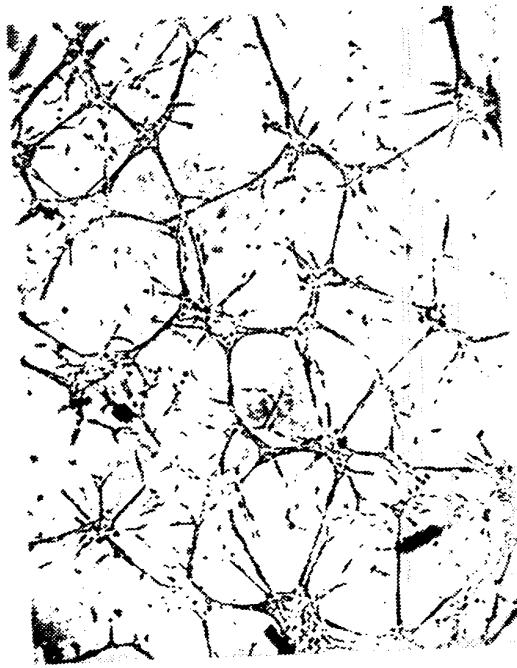


FIG. 43B

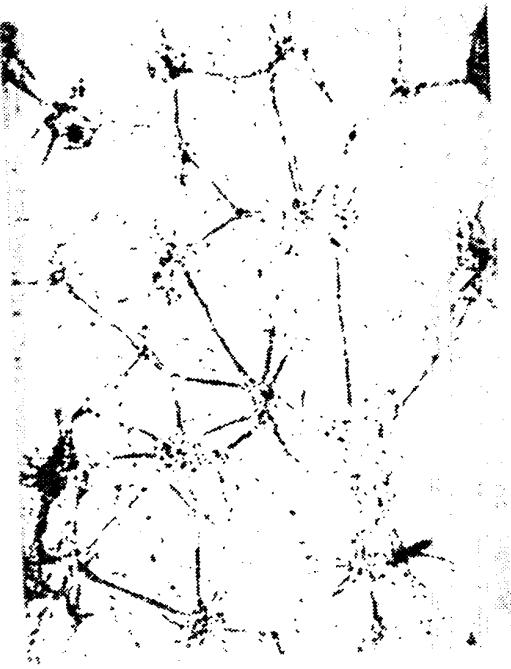


FIG. 43C

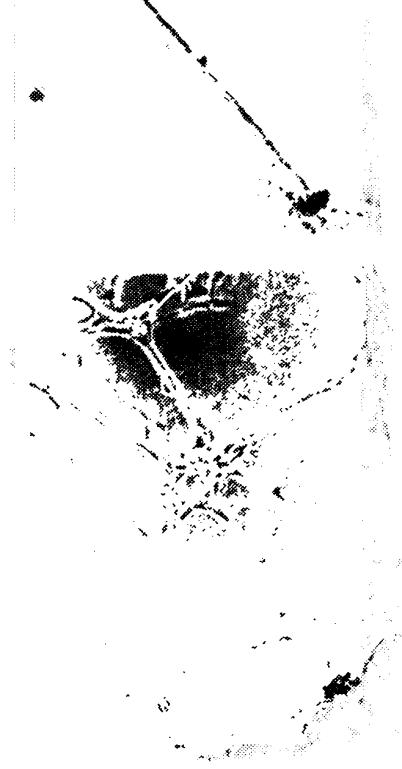


FIG. 43D

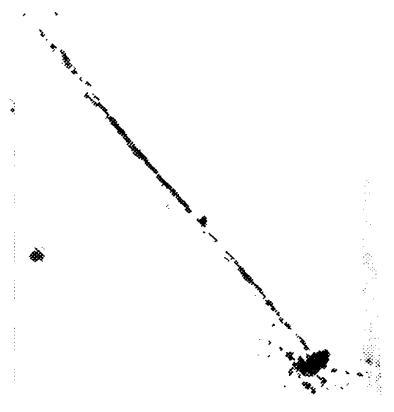


FIG. 43E

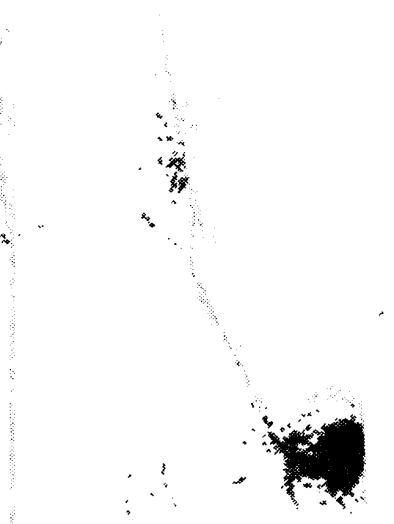
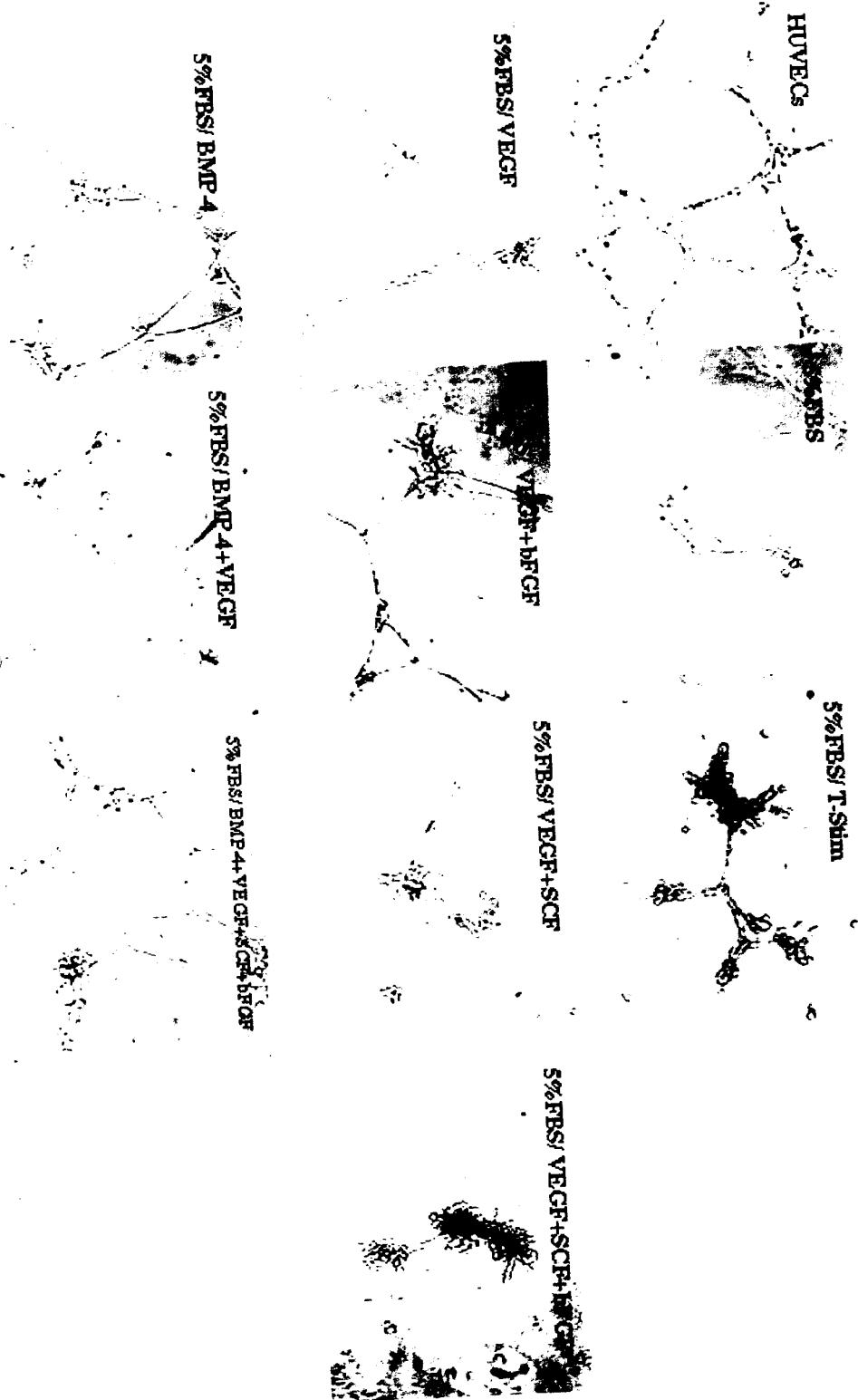


FIG. 44



Matrigel after 1 wk Condition

FIGURE 45



ELSC-derived Cells in Matrigel

FIGURE 46

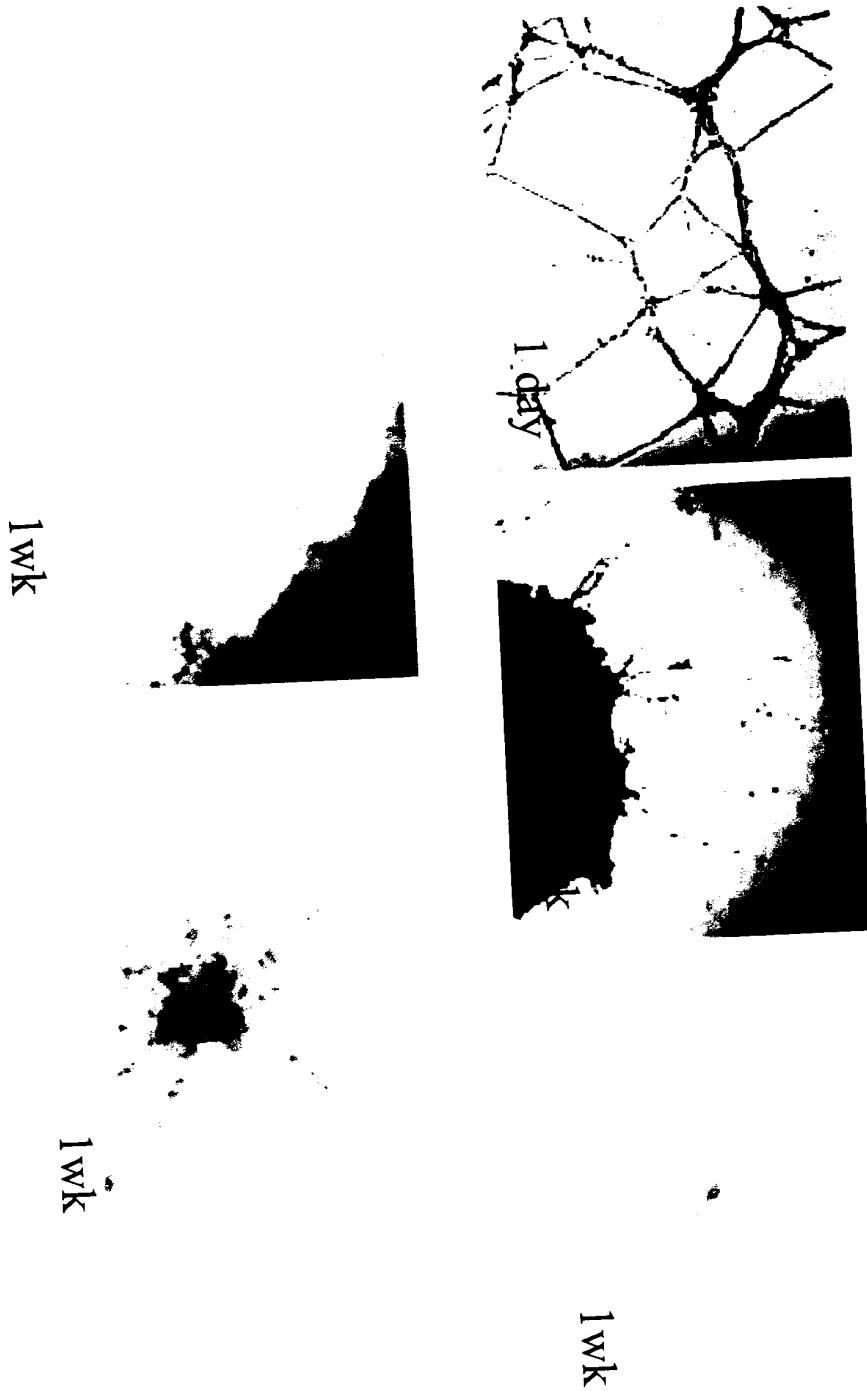


FIGURE 47

ELSC-derived Cells in Matrigel



FIGURE 48

ELSC Transplantation into Hindlimb Ischemia
2 wks



FIGURE 49
ELSC Transplantation into Hindlimb Ischemia
2 wks



FIGURE 50

Muscle Organogenesis by ELS in Hindlimb Ischemia

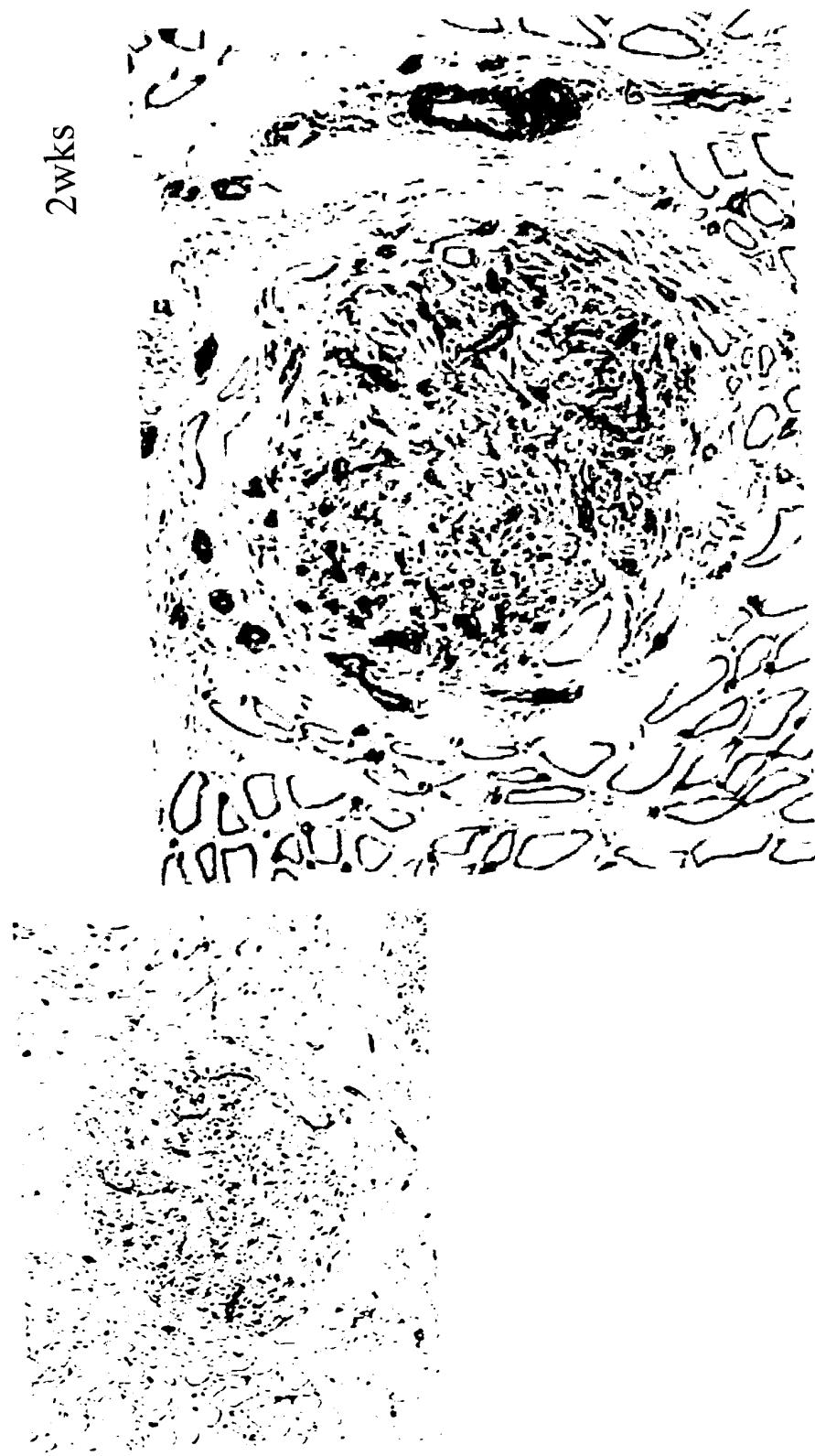


FIGURE 51

Muscle Organogenesis by ELS in Hindlimb Ischemia

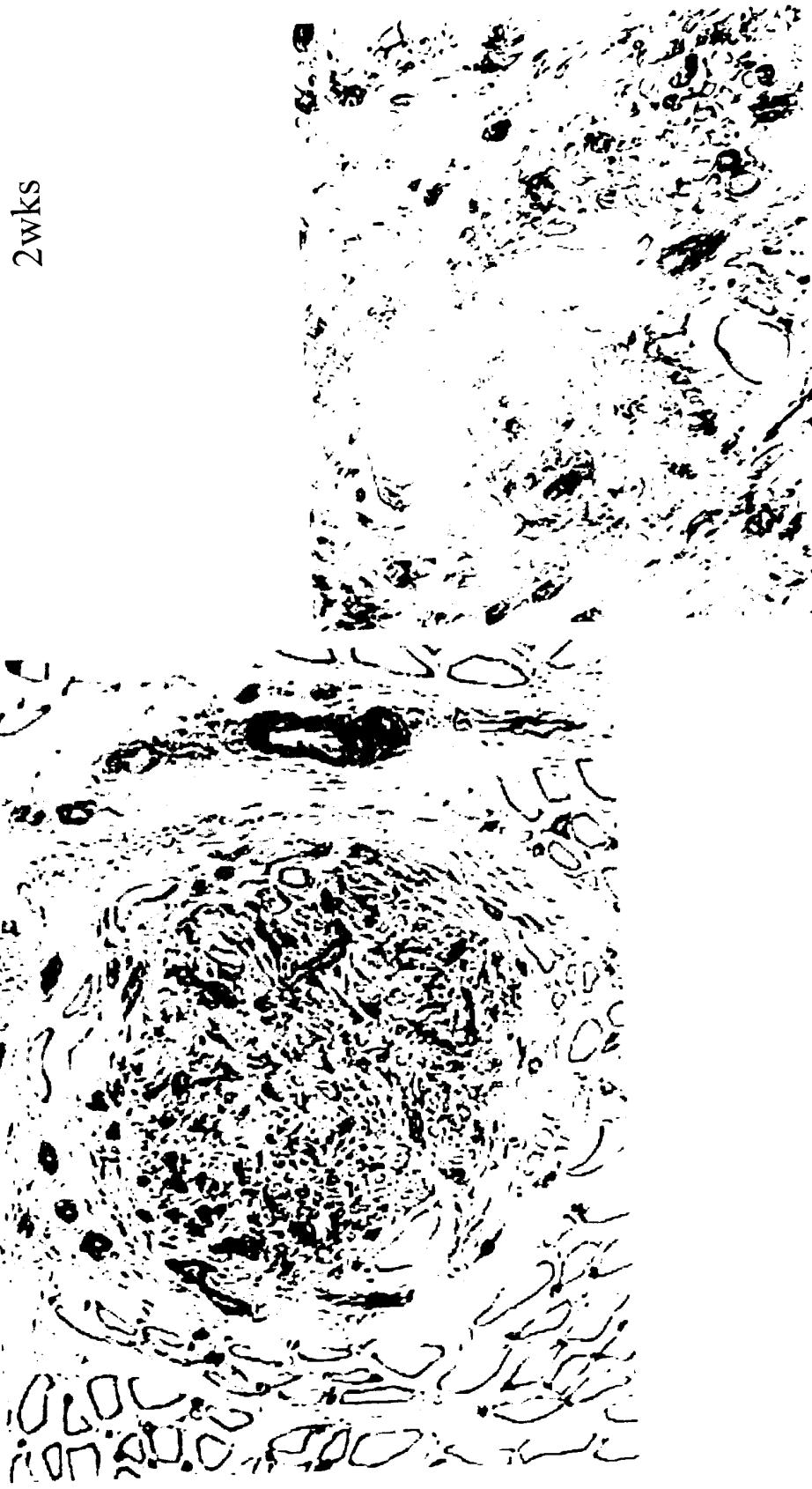


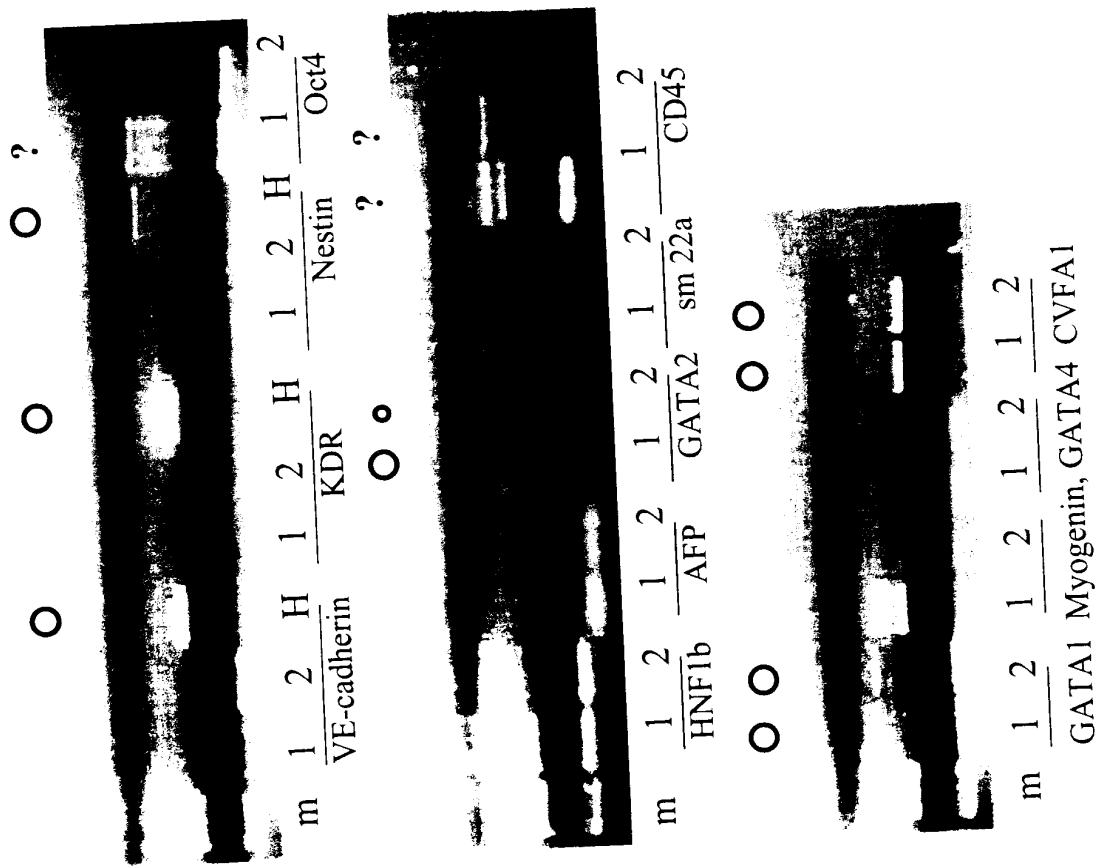
FIGURE 52

Organogenesis with Neovascularization
by ELSC in Hindlimb Ischemia



FIGURE 53

CT3F-1(RT-PCR)



CT3F-2(RT-PCR)

FIGURE 54

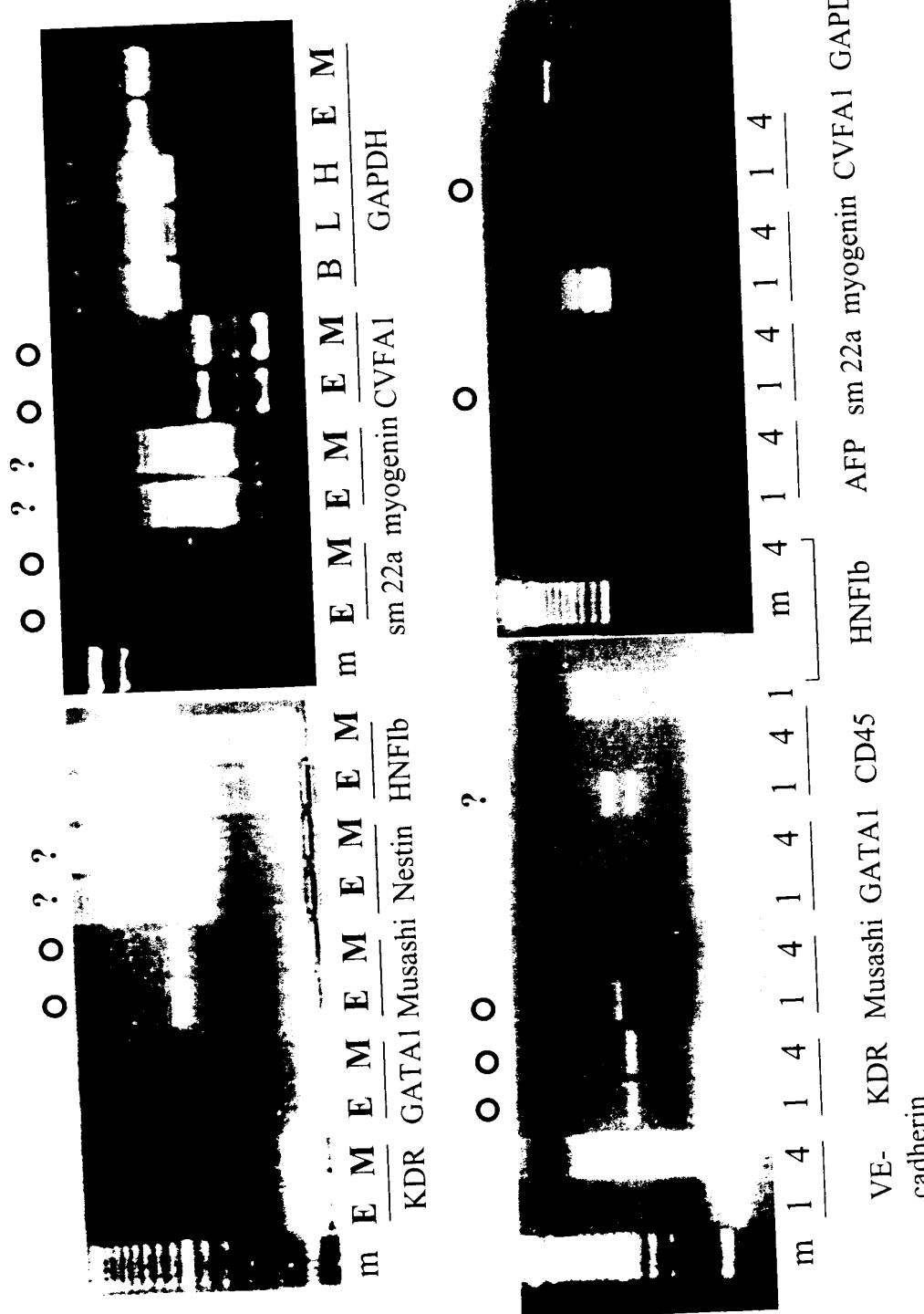


FIGURE 55

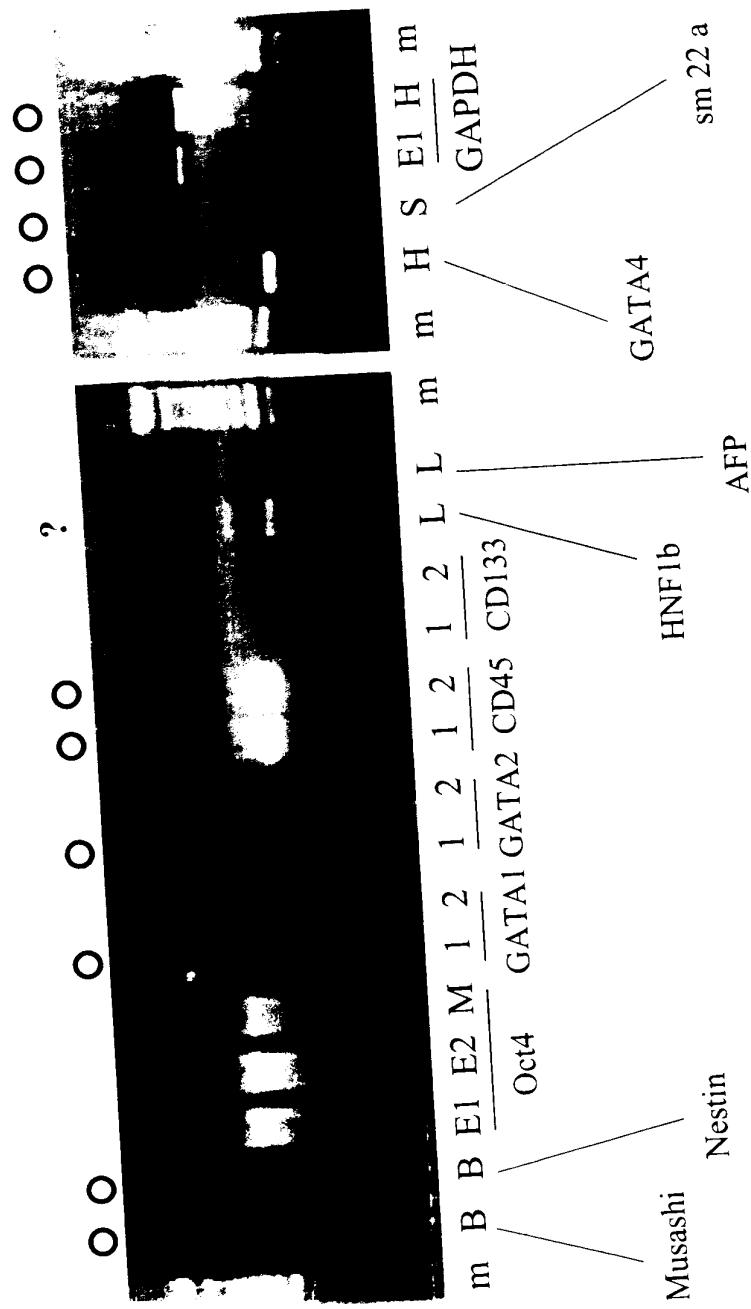


FIGURE 56

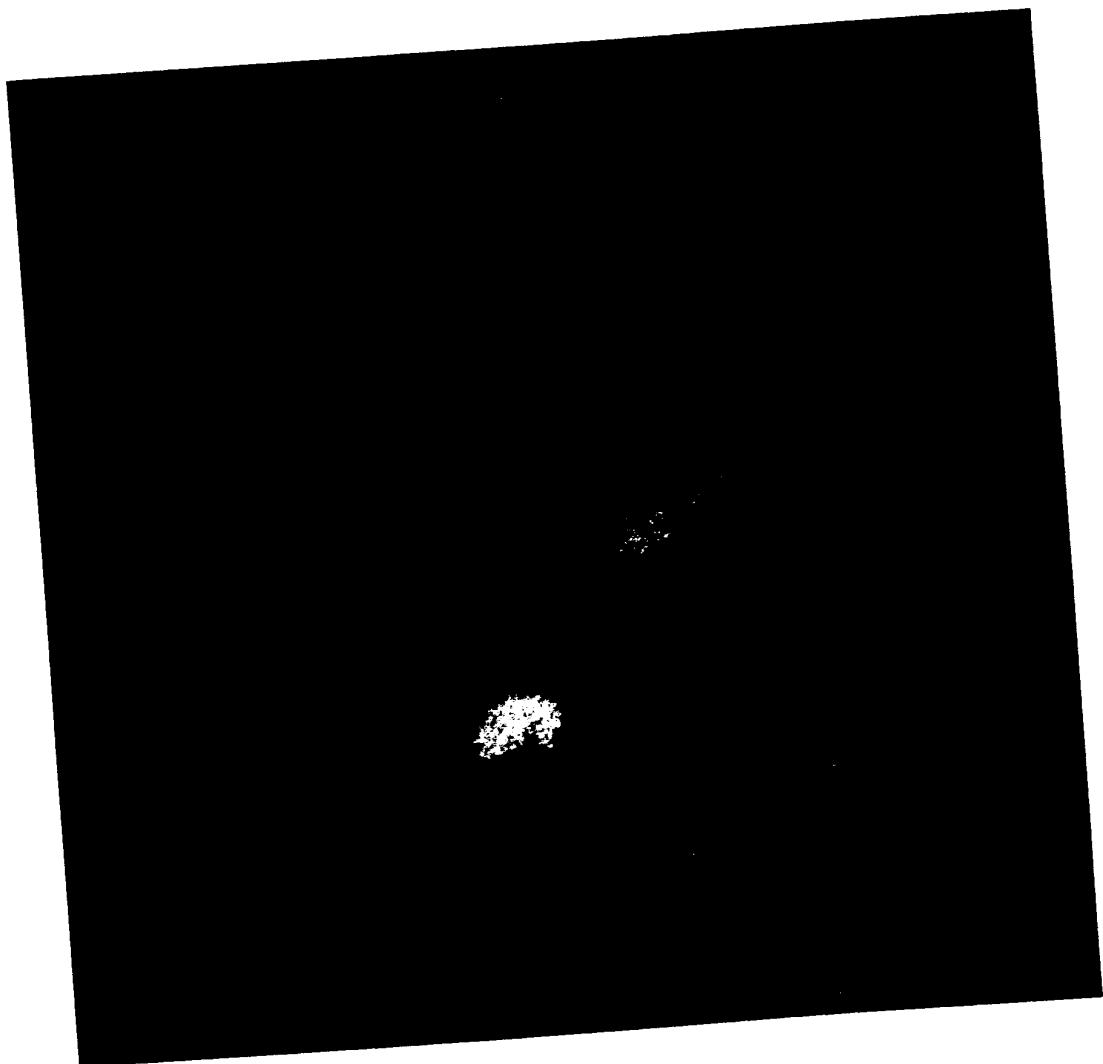


FIGURE 57

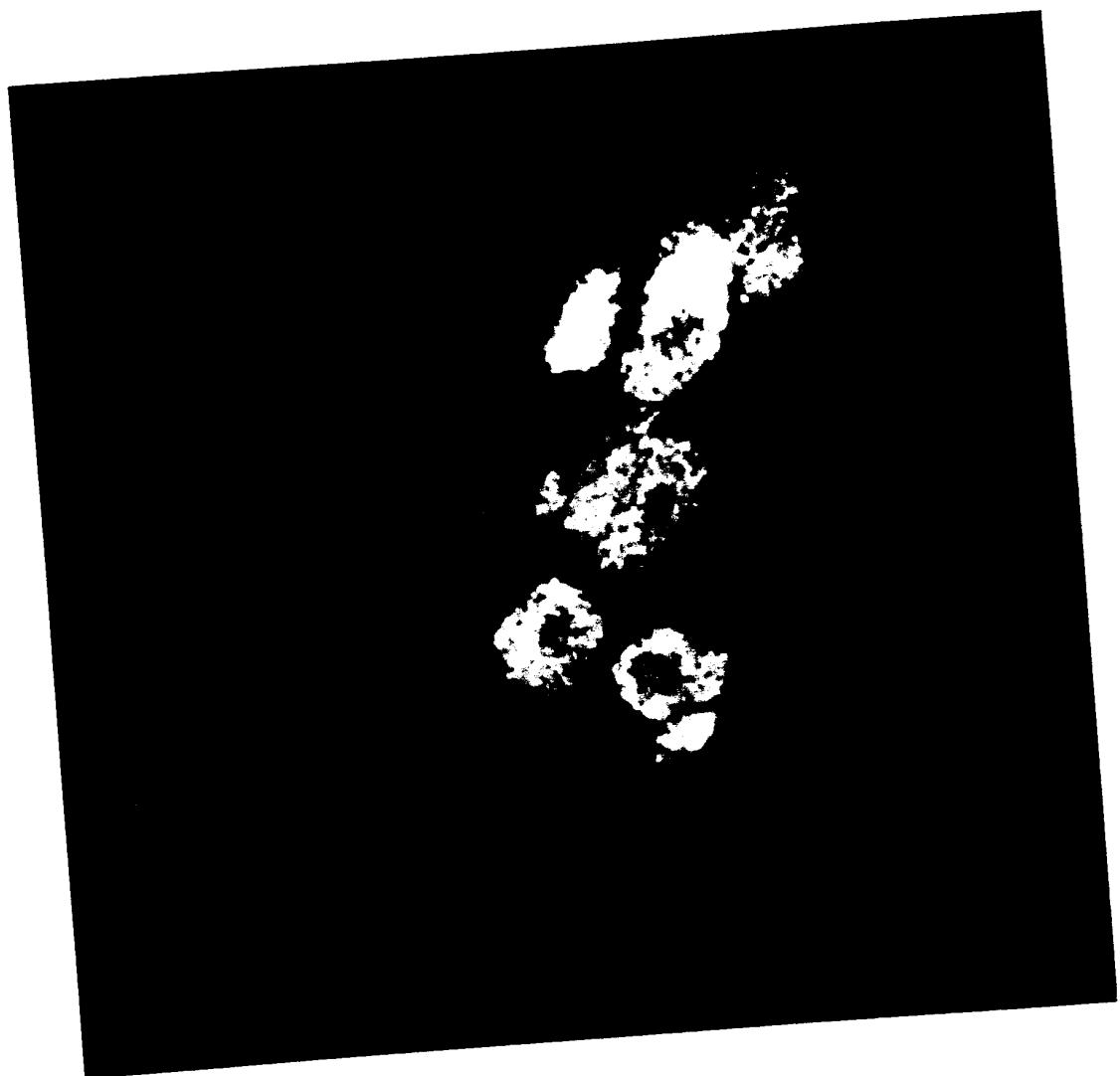


FIGURE 58



FIGURE 59

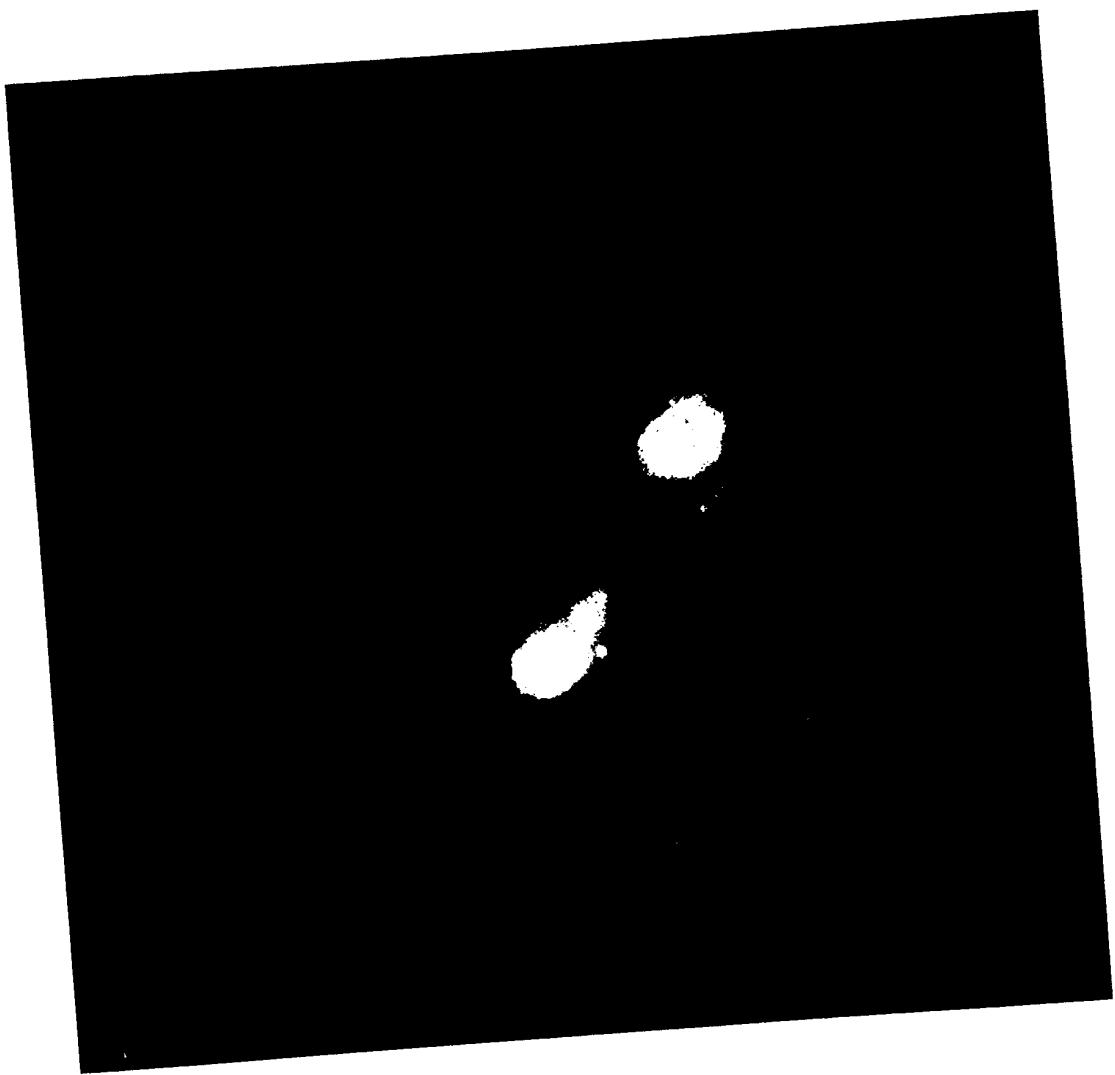


FIGURE 60

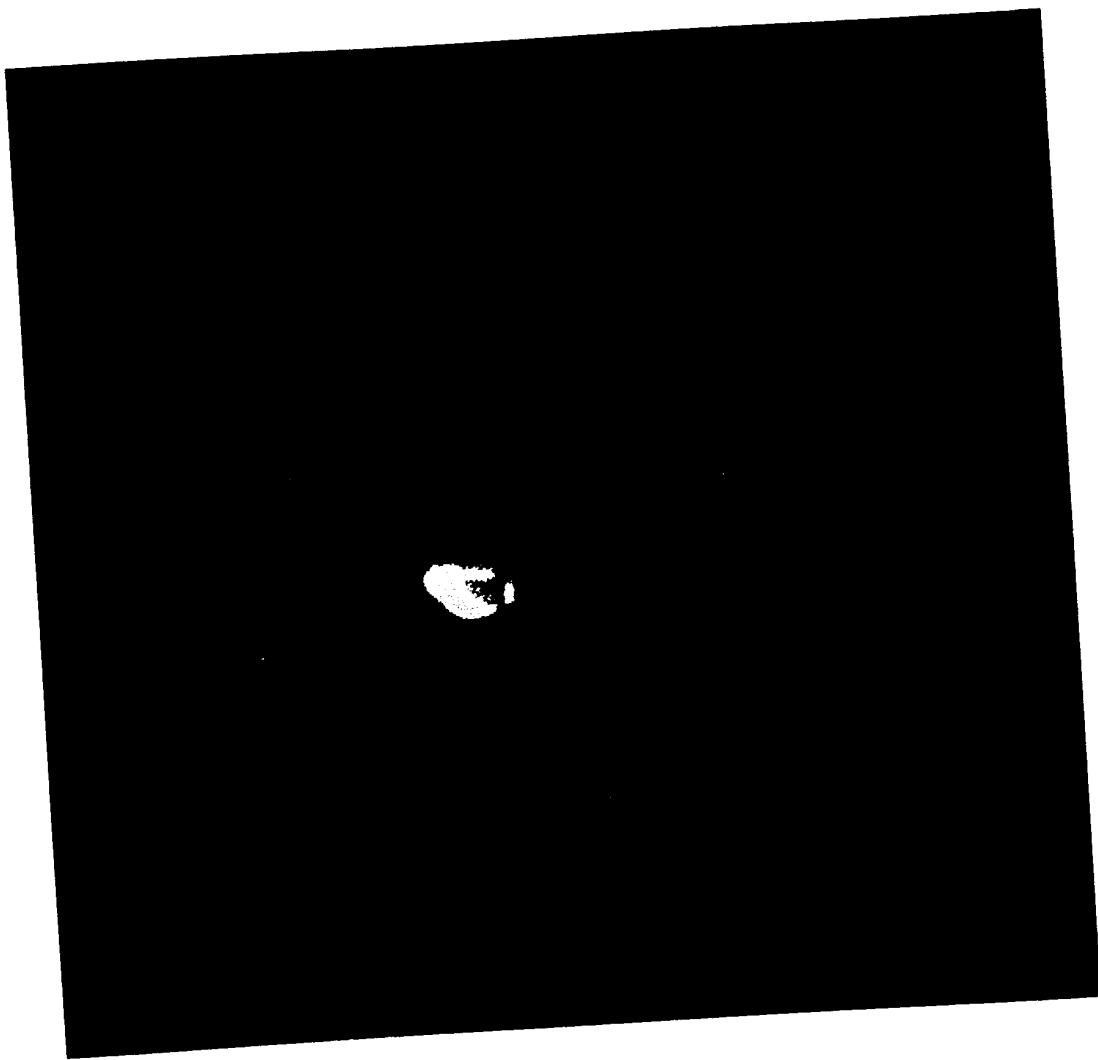


FIGURE 61



FIGURE 62

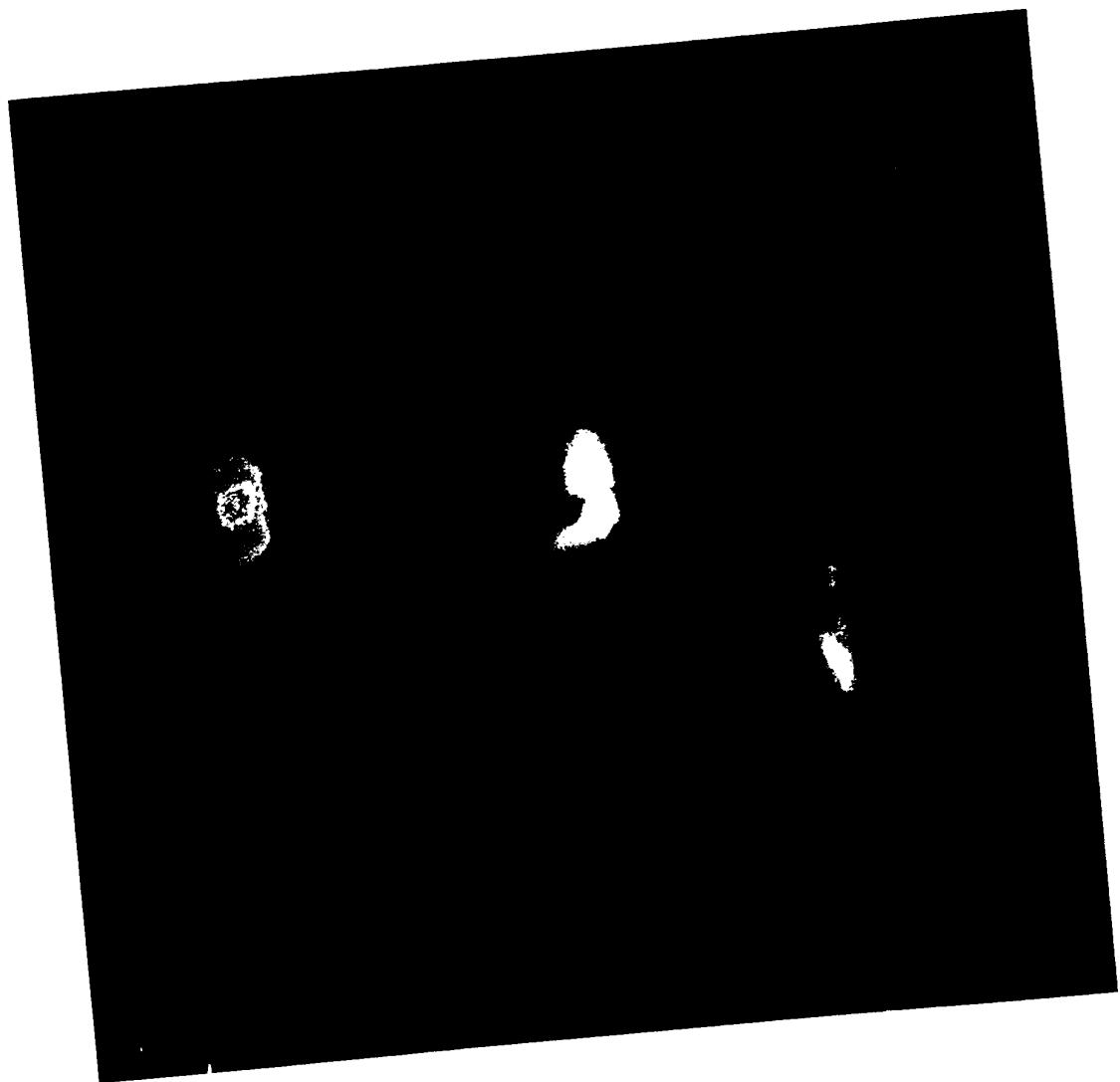


FIGURE 63

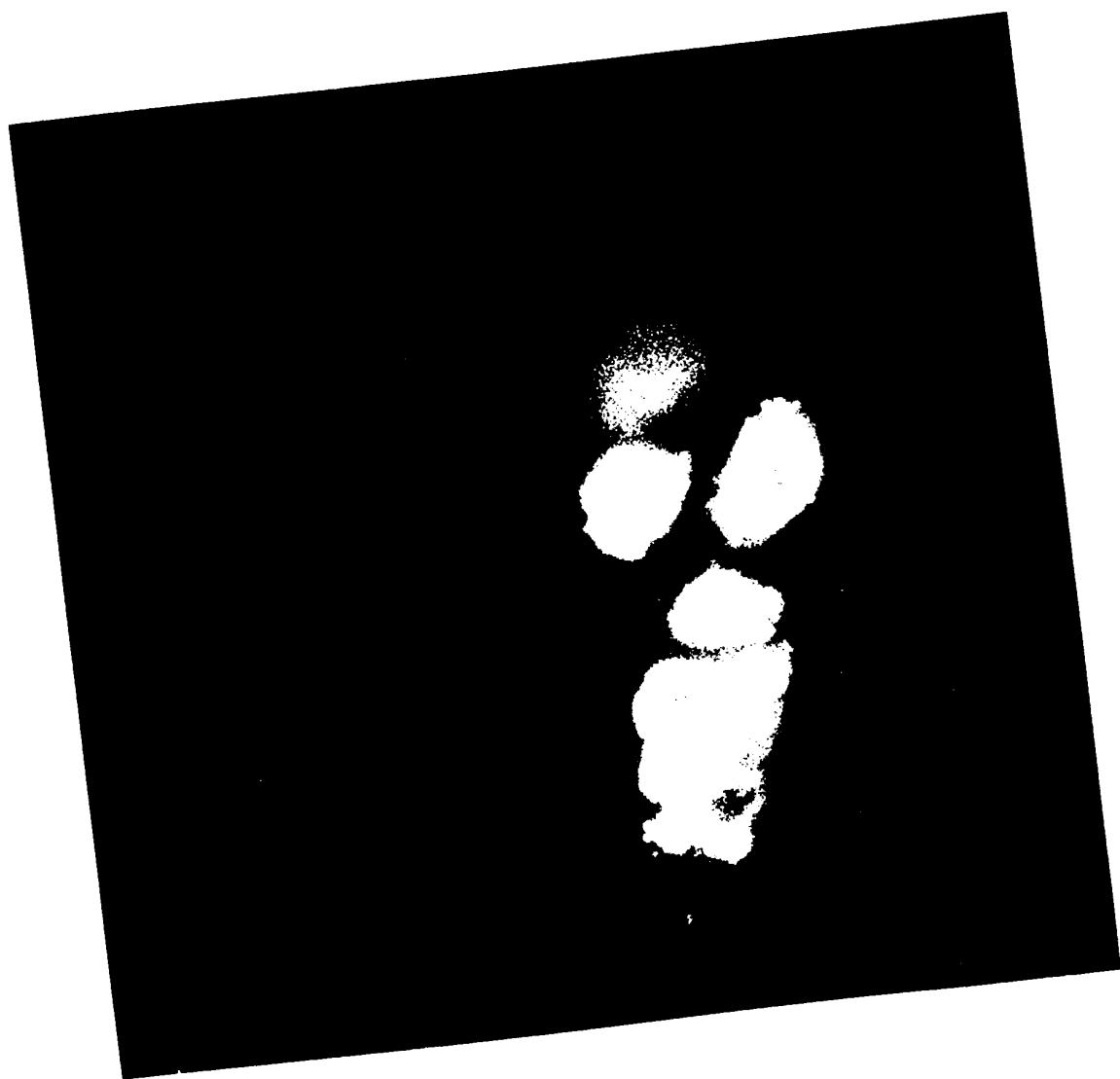


FIGURE 64

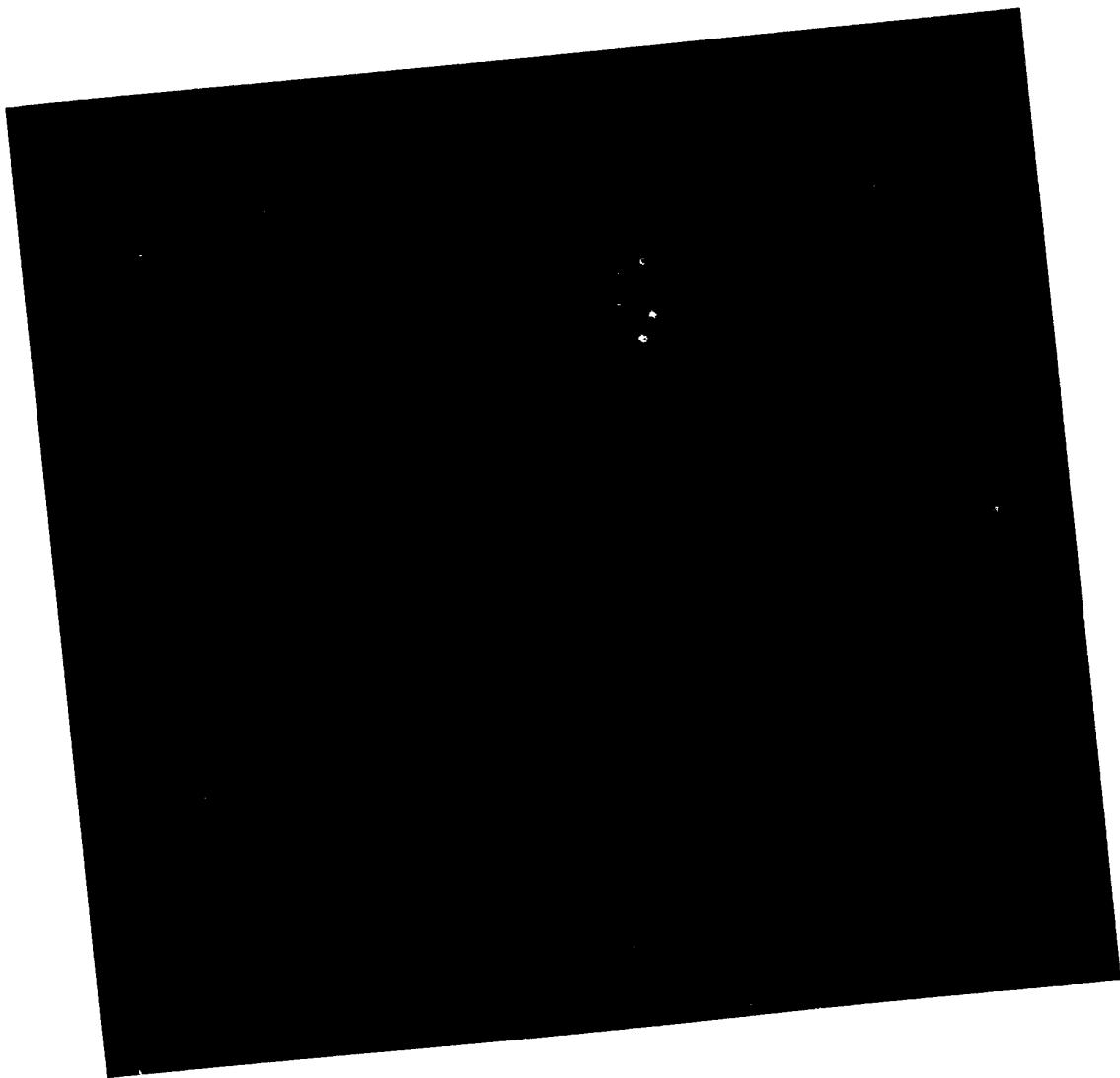


FIGURE 65

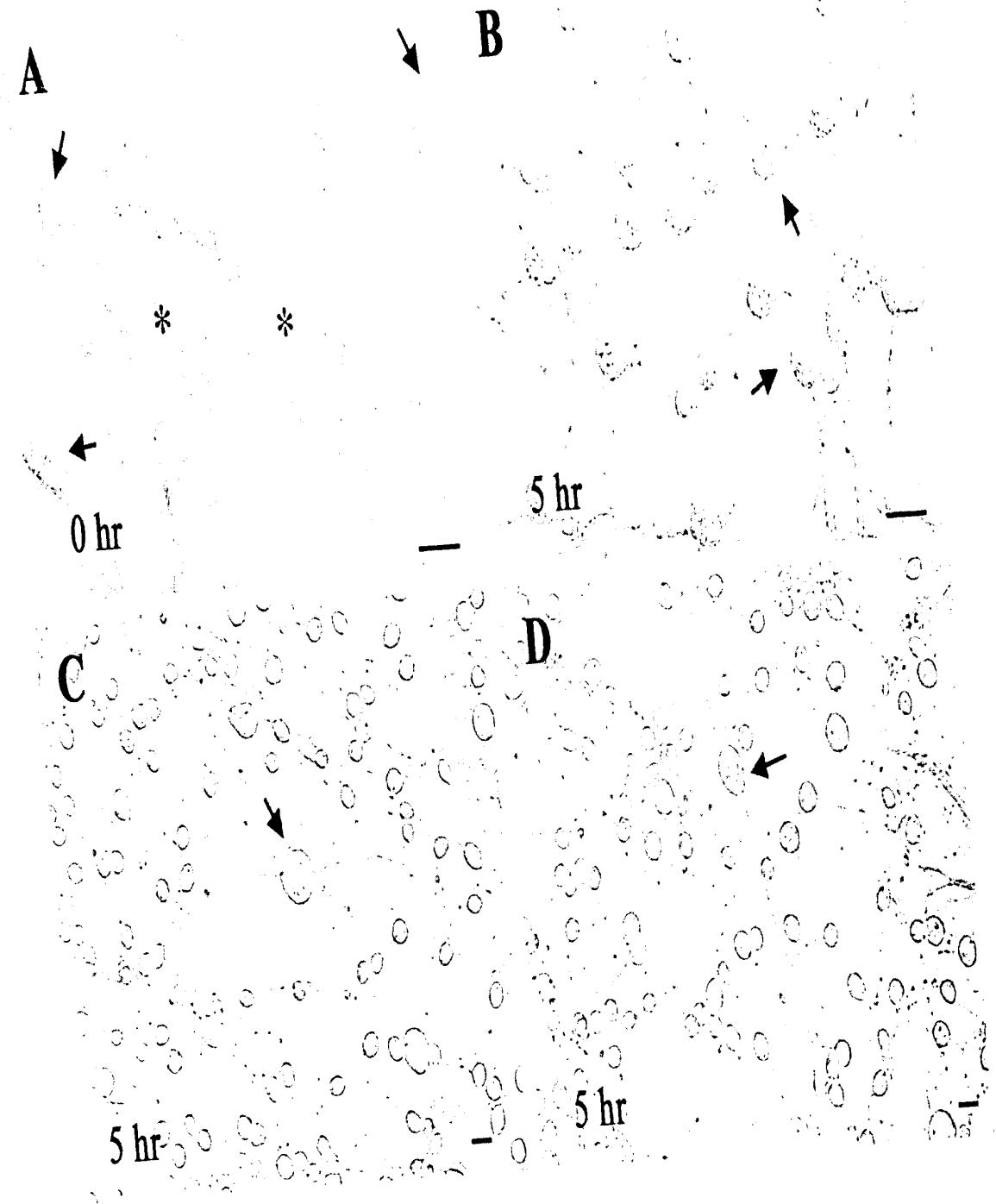


FIGURE 66

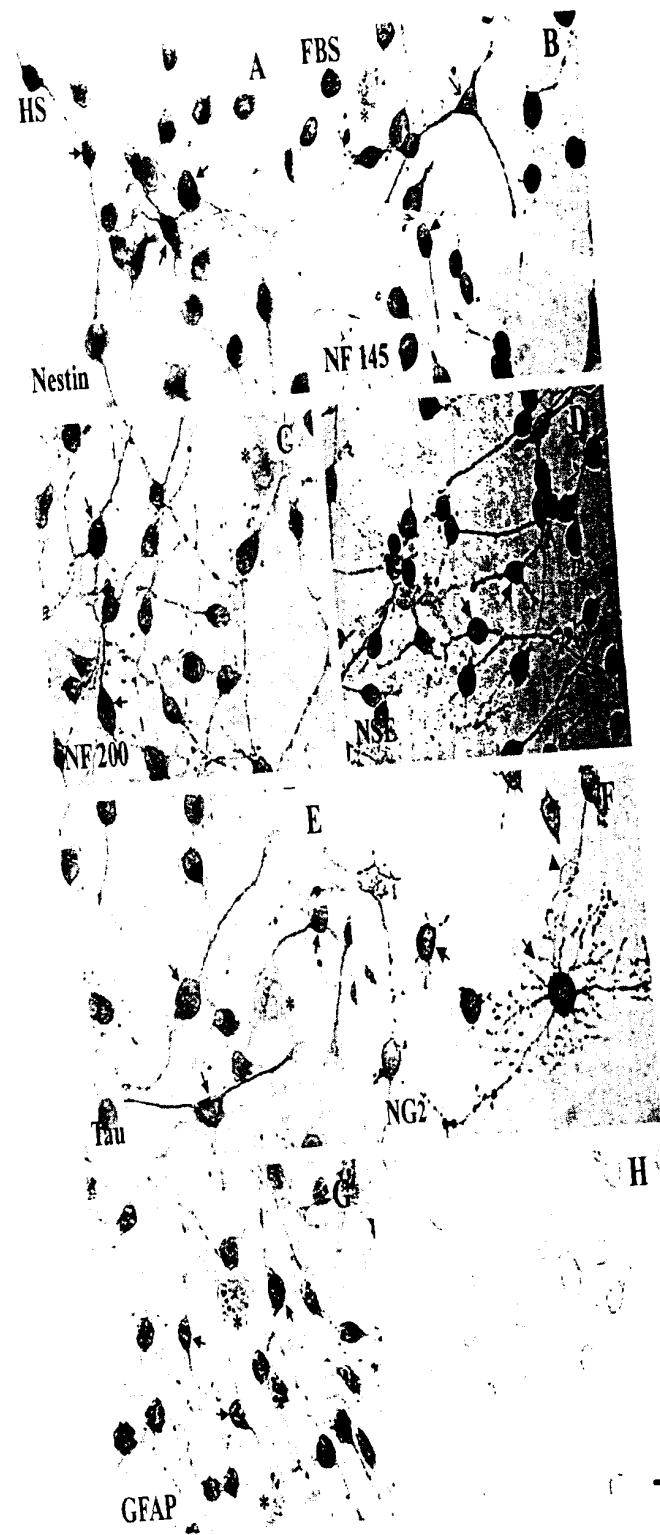


FIGURE 67

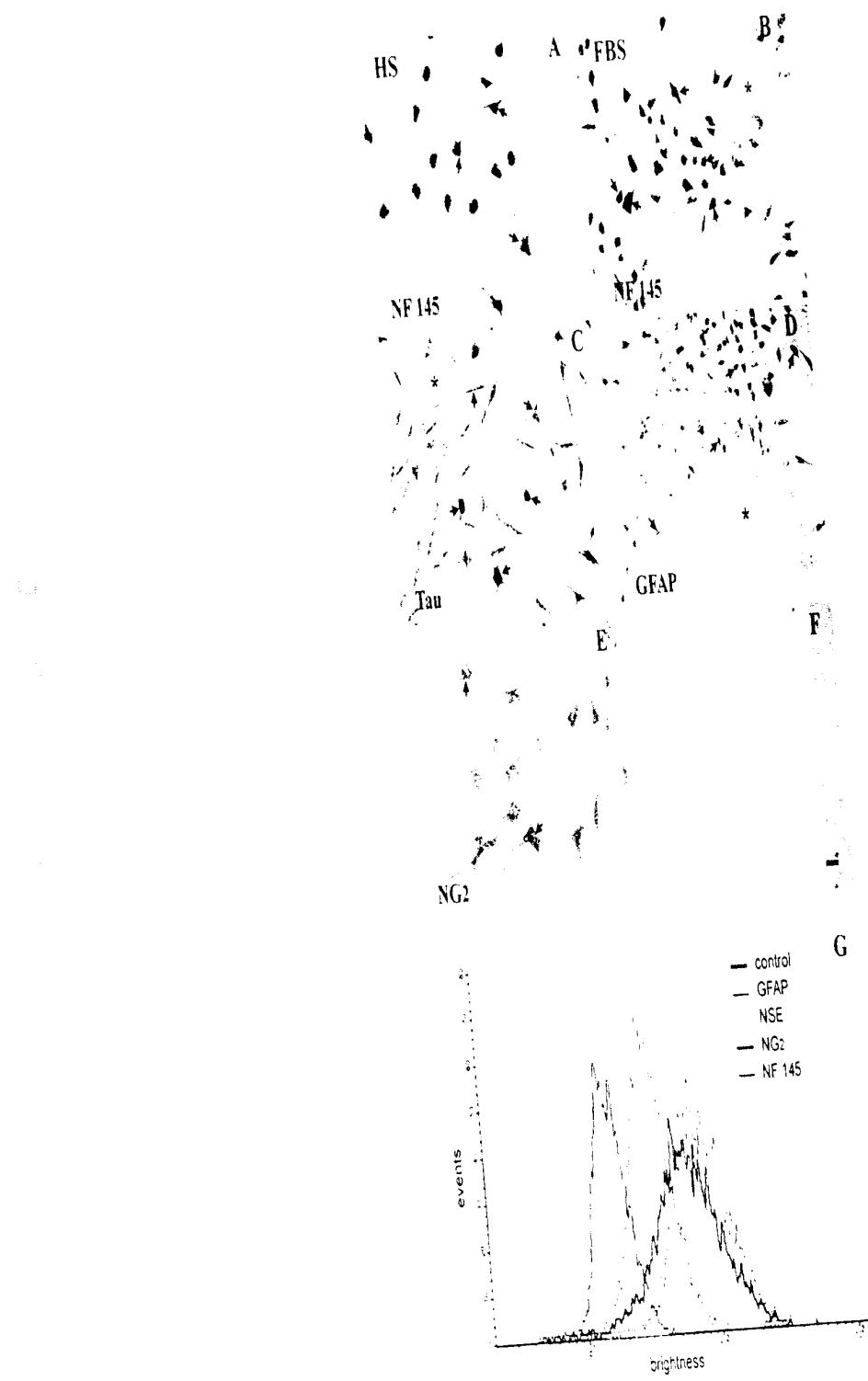


FIGURE 68

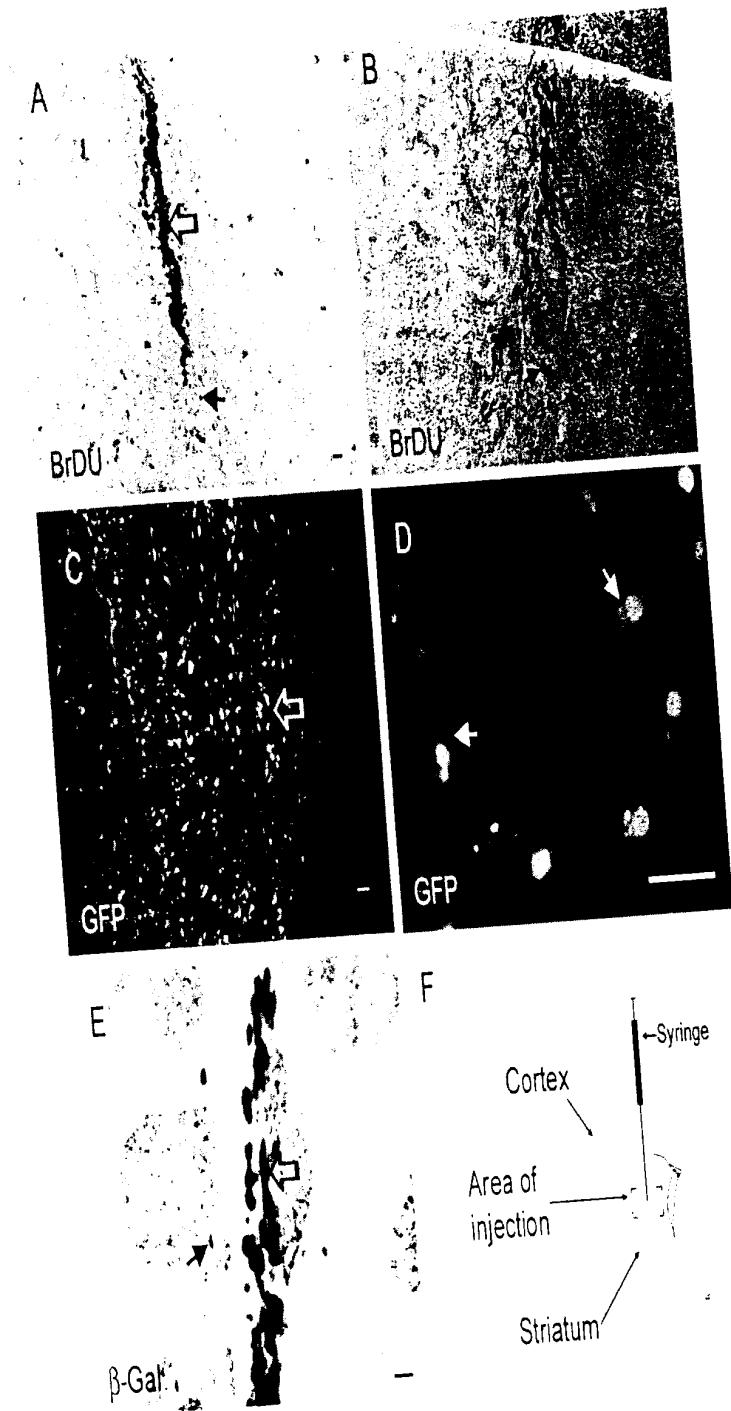


FIGURE 69

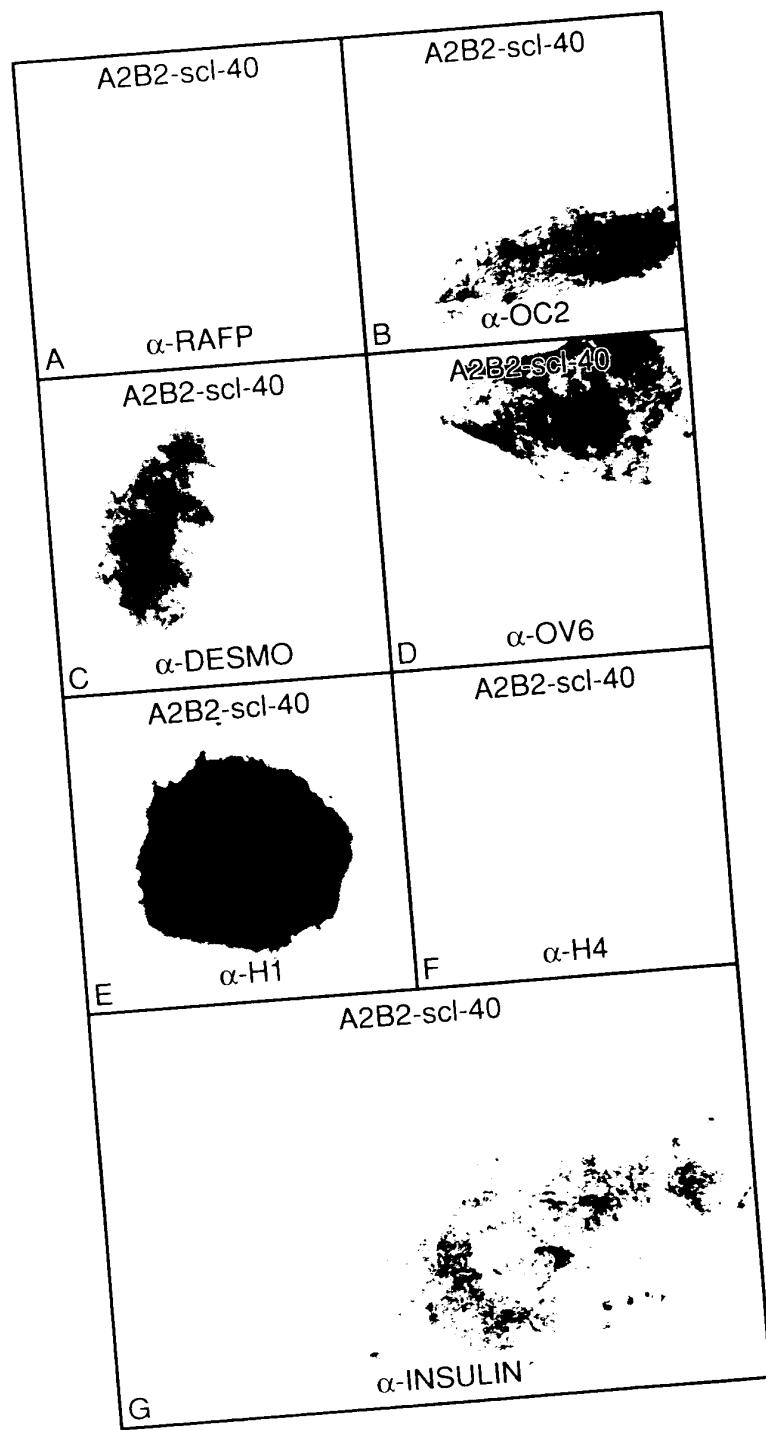


FIGURE 70

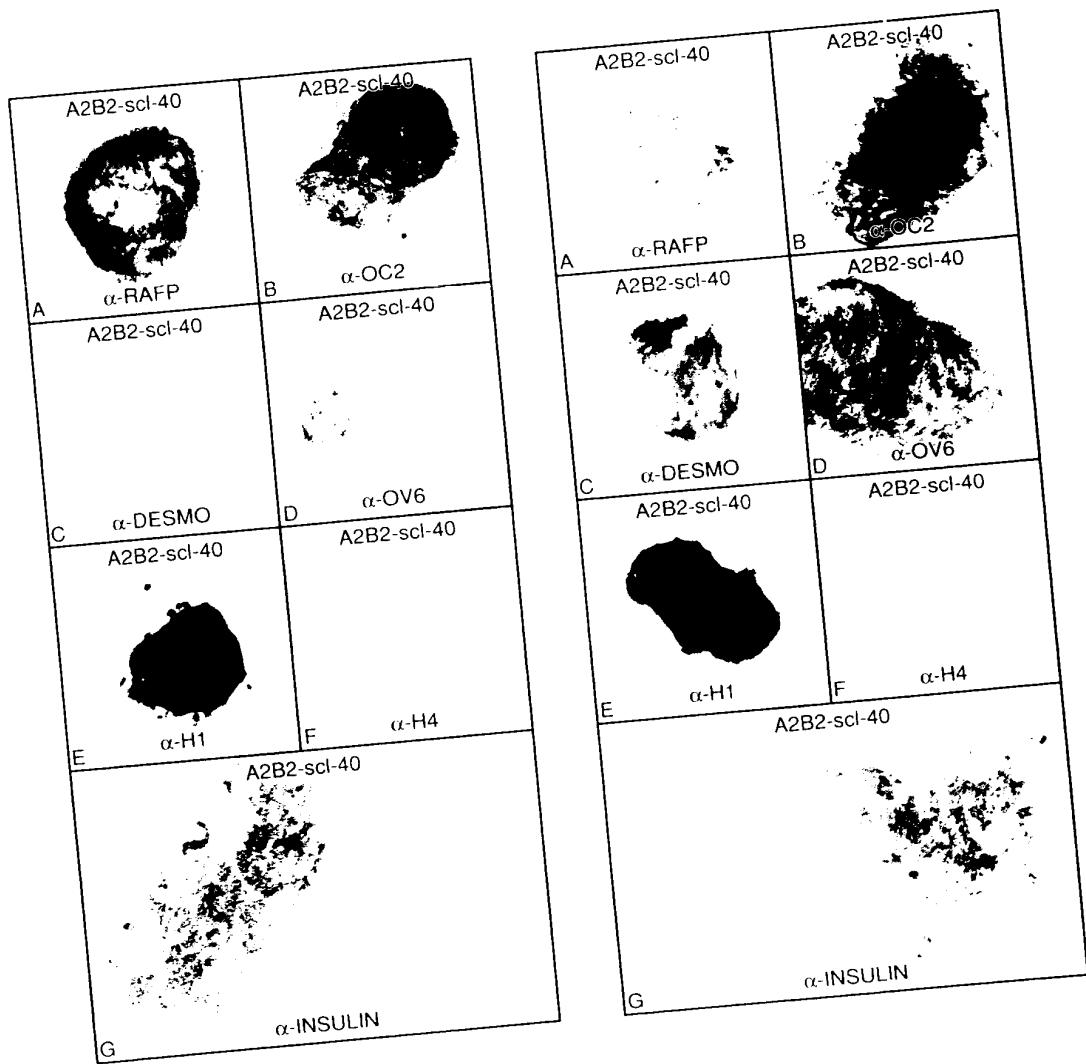


FIGURE 71

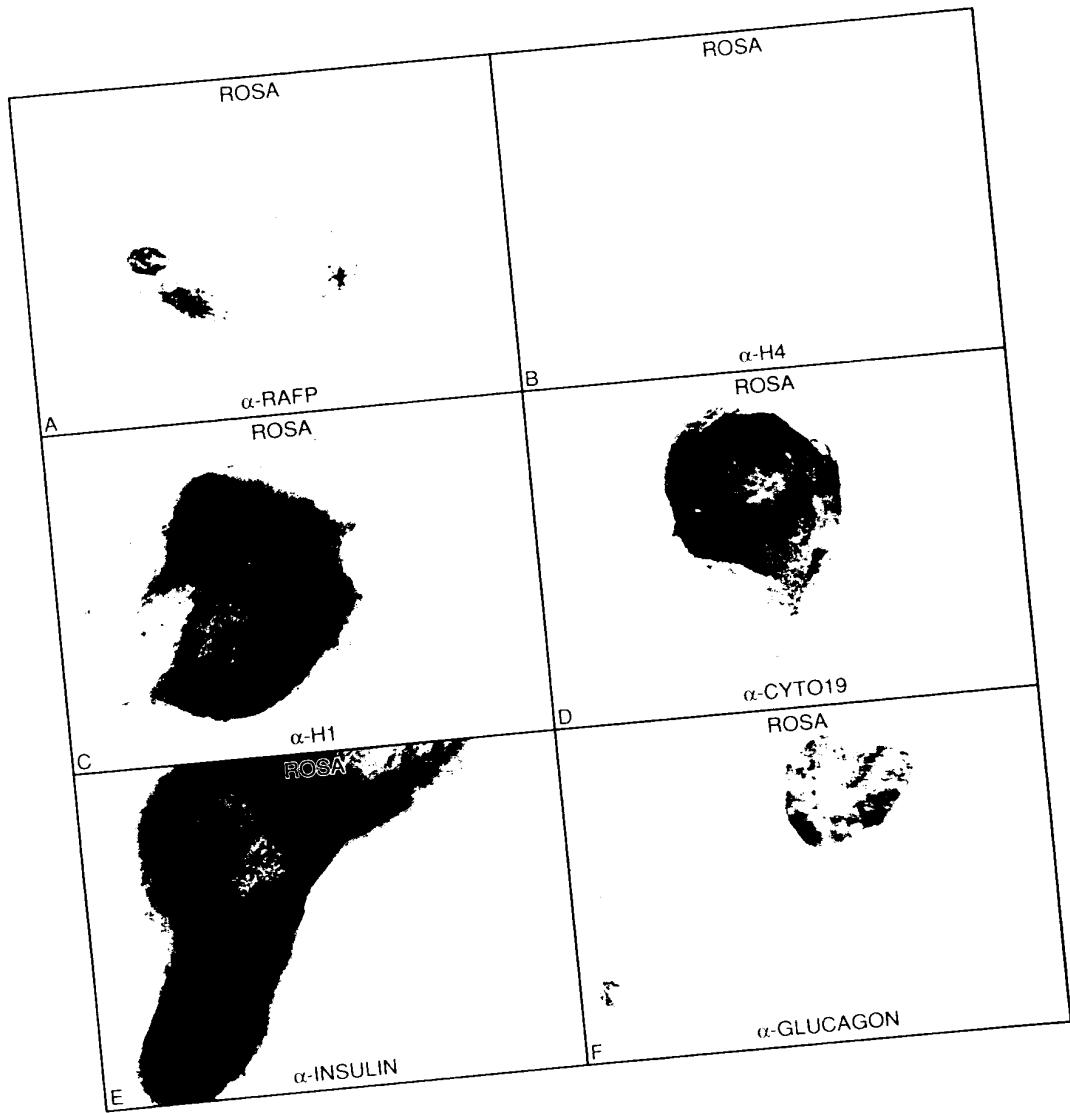


FIGURE 72

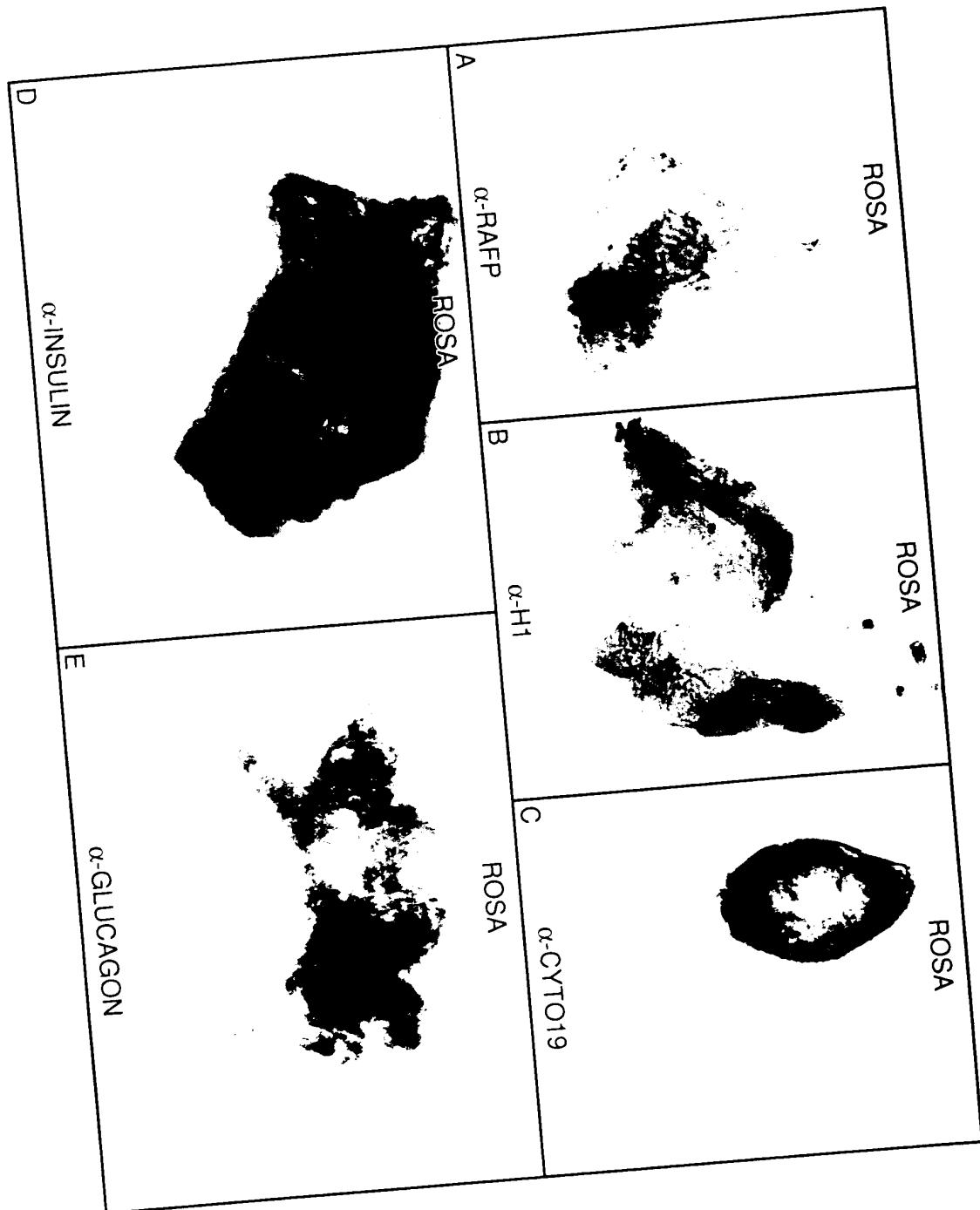


FIGURE 73

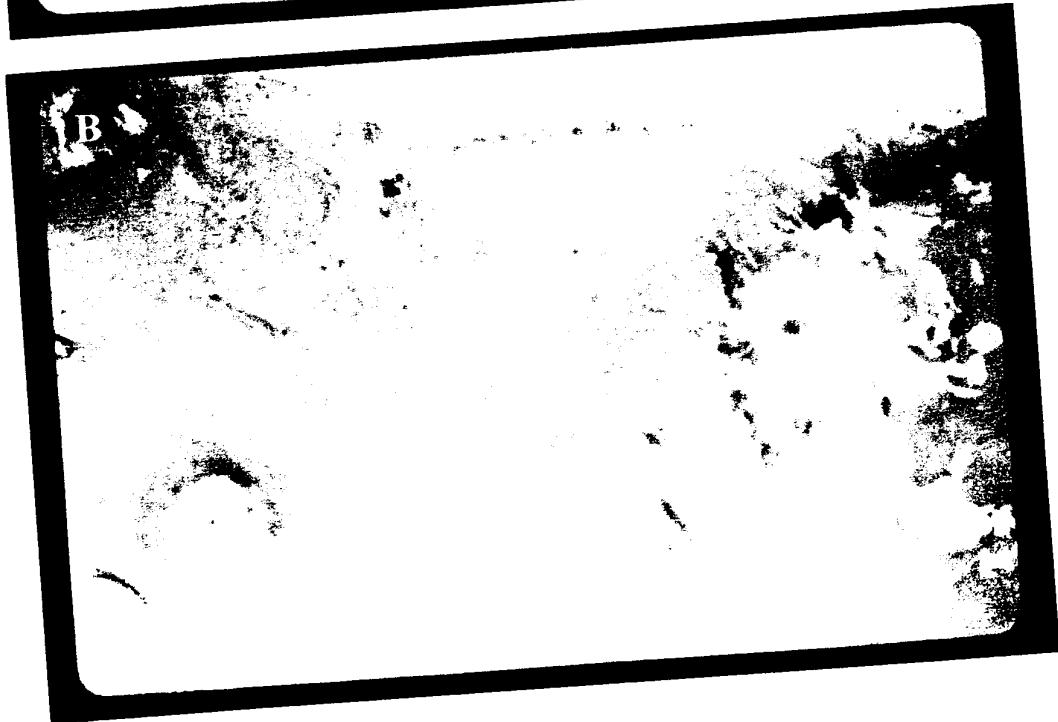
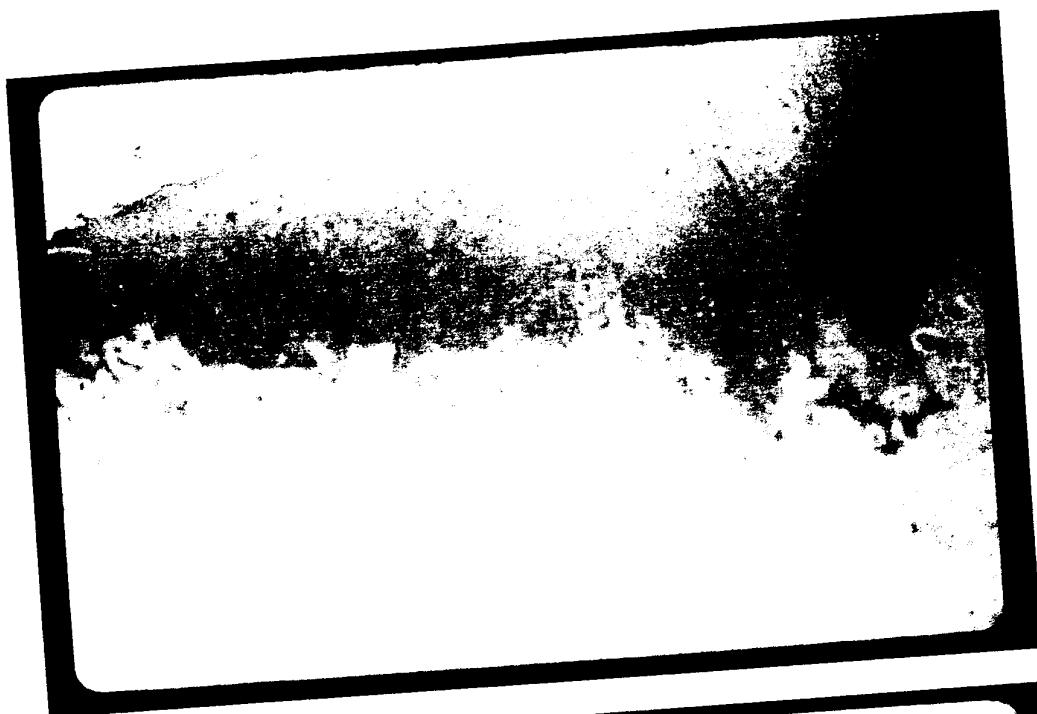


FIGURE 74

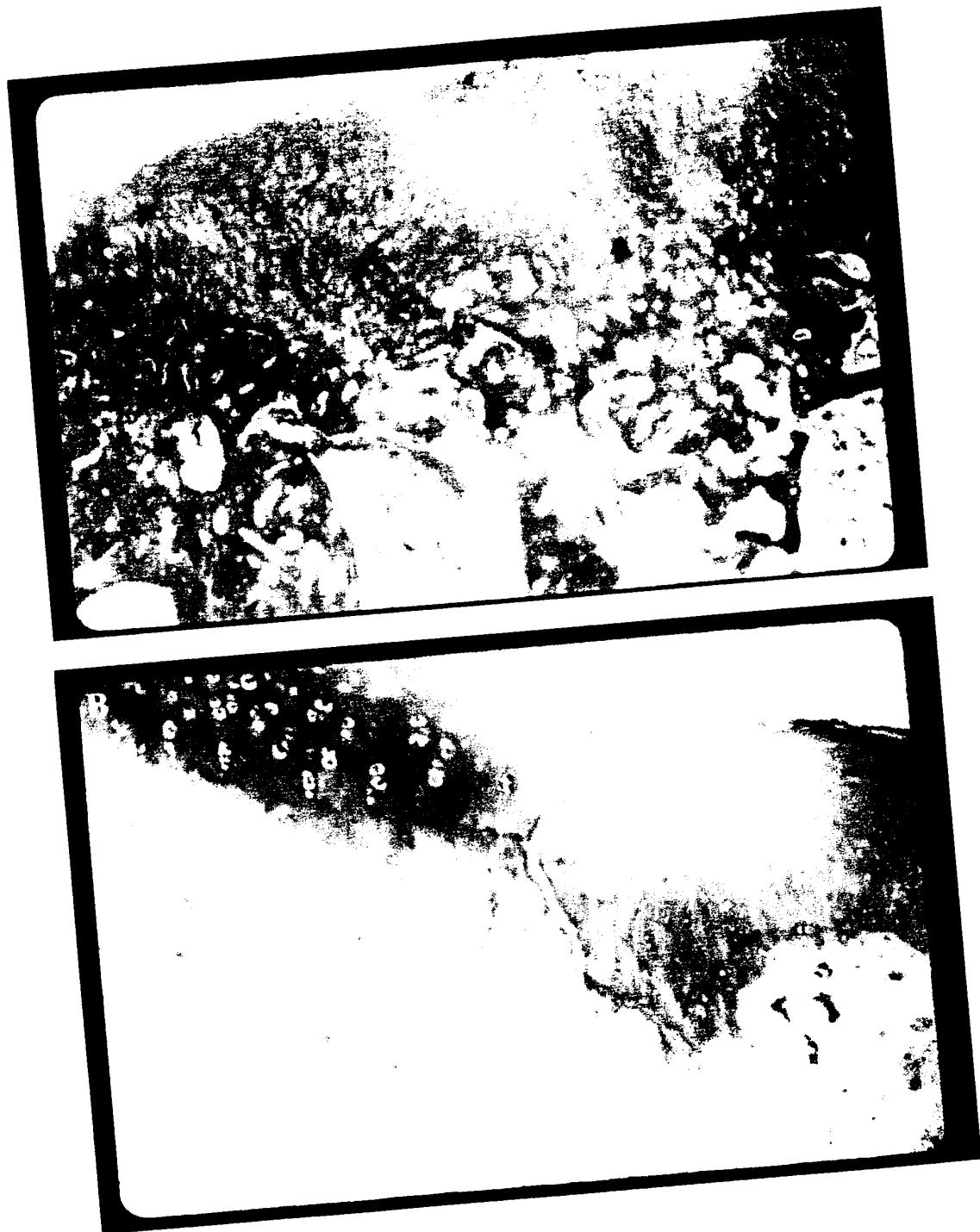


FIGURE 75



FIGURE 76

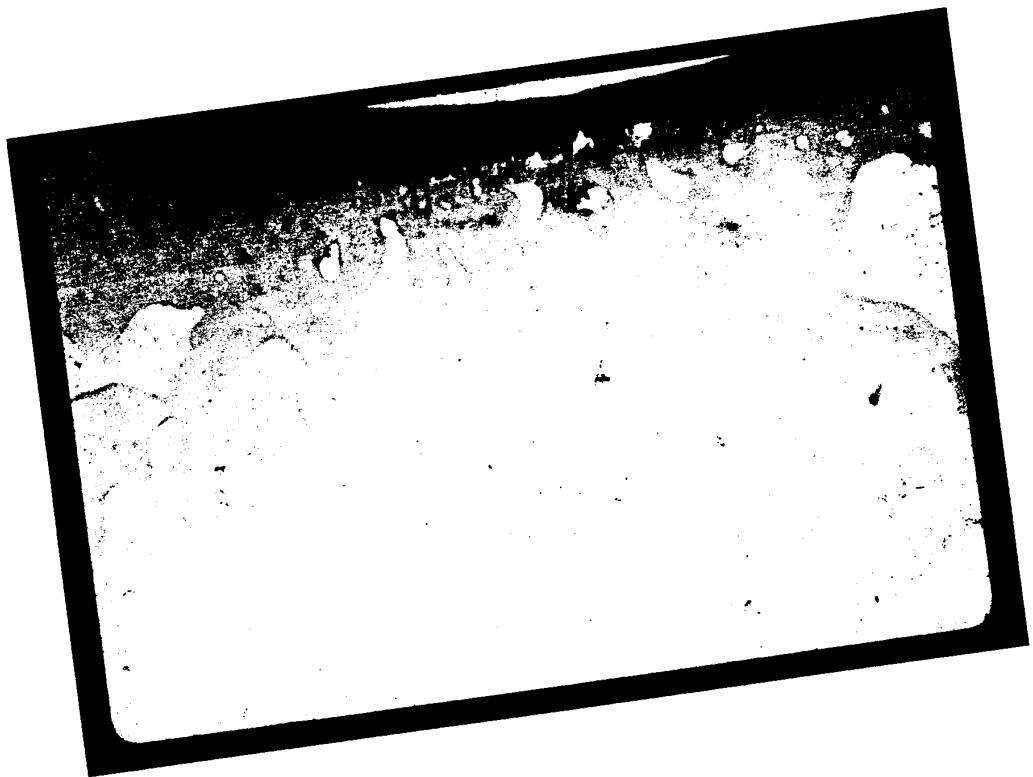


FIGURE 77

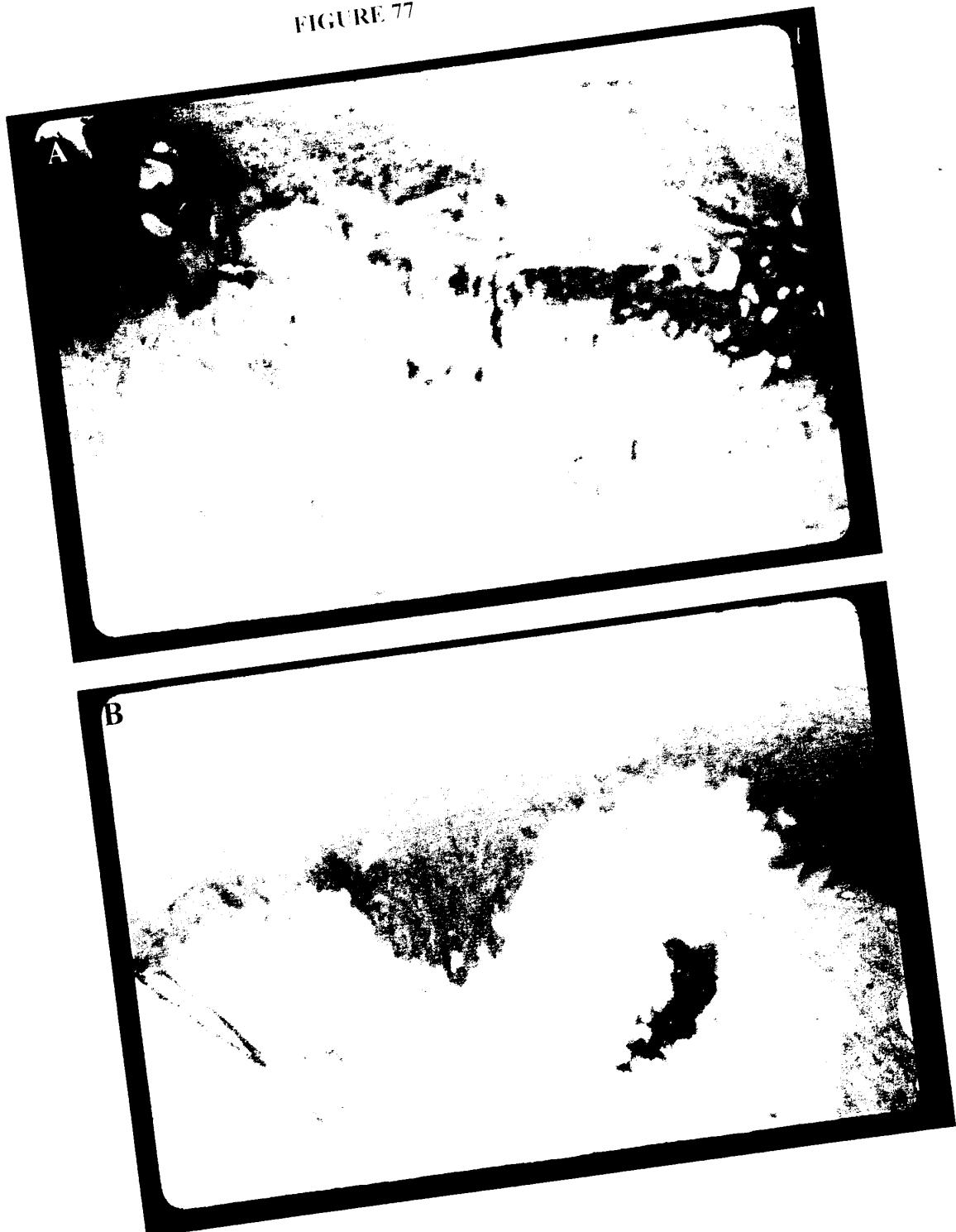


FIGURE 78

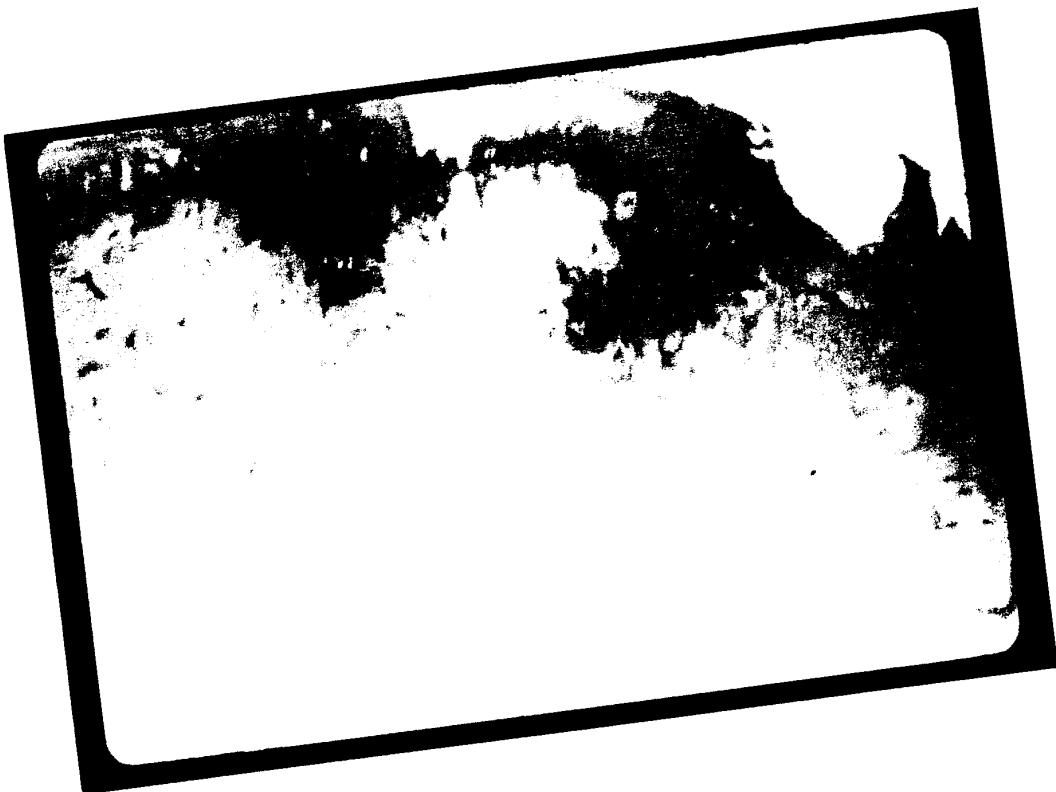


FIGURE 79

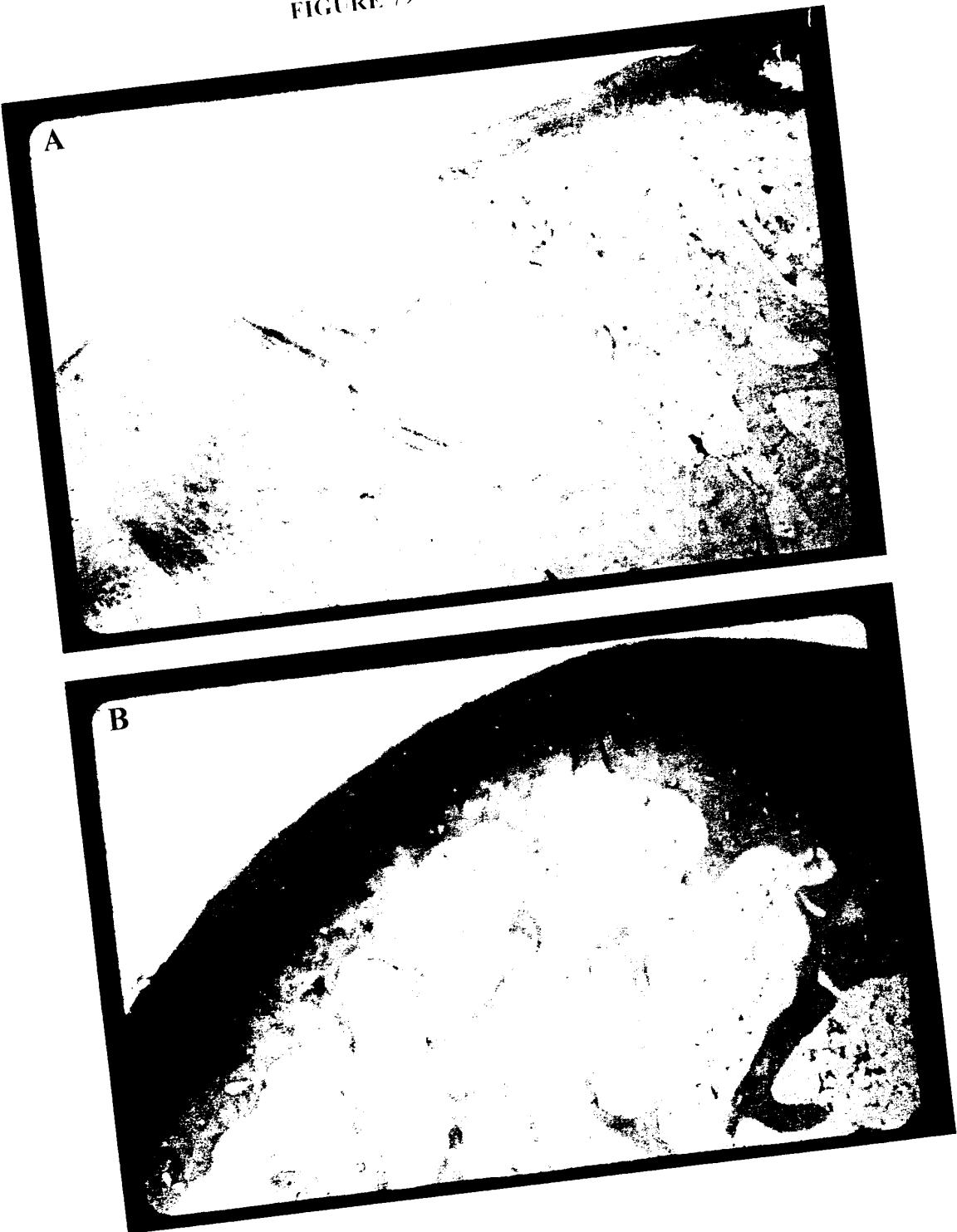


FIGURE 80

